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Lancaster Farming

VOL. 36 No. 11 | Five Sections | Lancaster Farming, Saturday, January 26, 1991 | 50¢ Per Copy | $15.00 Per Year

For the first time on record, two students from the same FFA chapter won both top FFA state awards. The Mohawk Chapter FFA winners are Edward Clark, left, named State Star Farmer, and Robert Hodge, named State Star Agribusinessman. Read about these ambitious teens on page B3.

Agribusiness Responds To Hiring Survey

LANCASTER, (Lancaster Co.) — Although many economists are predicting a downturn for the U.S. economy, hiring activity within agribusiness appears to be strong. Of those firms responding to the "Hiring Intentions Survey," 38.5% indicated that they plan to increase the number of employees in 1991; 49.7% indicated they plan no change in the number of employees. Only 4.5% indicated plans to reduce the number of employees, and 7.3% indicated no decision had been made regarding the size of their work force.

The "Hiring Intentions Survey" is conducted by AGRI-associates, Lancaster. They survey firms in the agribusiness industry concerning the size of their work force and other issues relating to hiring employees. In this year's survey, 179 responses were received.

Of all respondents, 26.8% indicated plans to add personnel in

(Turn to Page A35)

Swine Producers Should Sign Up For Pseudorabies Program

HARRISBURG (Dauphin Co.) — Secretary of Agriculture Boyd E. Wolff urged swine producers in northern Lancaster County to join a voluntary vaccination program designed to stop the spread of pseudorabies.

"The Department of Agriculture, the Lancaster Pork Producers Council, and the Pennsylvania Pork Producers Council have joined forces to eradicate pseudorabies," Wolff said.

"Our efforts are in tune with the national PRV eradication program," he said.

The Bureau of Animal Industry has created an area vaccination program for swine producers north of Route 30 in Lancaster County.

Together with the Lancaster Pork Producers Council and the Pennsylvania Pork Producers Council, the Bureau of Animal Industry considers all of Lancaster County north of Route 30 as a PRV epizootic area, and is encouraging vaccination of all swine for pseudorabies within this area.

• This will be a voluntary program to vaccinate all PRV-susceptible swine in this designated area until PRV has been reduced to a prevalence level compatible with more definitive eradication measures. Swine producers have been advised to use genetically engineered "marker" vaccines that make possible differentiation between hogs infected with the field virus and noninfected vaccinated hogs. Each "marker" vaccine has its own unique differential test kit. The use of these products will require record keeping on the part of the herd owner.

• The department's Summerdale Laboratory is being equipped to perform these tests. Differential testing at the Summerdale Laboratory should be available by early 1991. It will be absolutely essential that these vaccines and/or syringes and needles used to administer PRV vaccine do not come into contact with other farm animals such as cats, dogs, cattle, sheep, etc. PRV vaccine accidentally injected into species of animals other than swine may result in pseudorabies infection. There is no threat to human health from these products.

• All herds will be vaccinated and monitored according to a plan approved by the Pennsylvania Swine Producers Pseudorabies Eradication Committee. The plan will be part of a cooperative agreement between the Department, the producer, and the herd veterinarian.

(Turn to Page A32)

Cornucopia Approaches

HARRISBURG (Dauphin Co.) — Since 1981, the State Council of Farm Organizations has been pairing agricultural and food industry leaders with state legislators and policymakers over plates of Pennsylvania produced delicacies. The Keystone Cornucopia has become the premier food celebration for the agricultural industry.

This year's dinner is scheduled for February 4th and will be held at the newly opened Harrisburg Hilton Hotel! The location — on Market Square, attached to the Strawberry Square parking garage, and only a few blocks from the Capital — is guaranteed to be attractive to both agricultural groups and to state officials. Parking in Strawberry Square is inexpensive and convenient; simply exit the parking garage elevators in the "Arcade" level, turn right, and continue to the Hilton entrance.

The menu for this year will include entrees of chicken, pork, and beef as well as Pennsylvania potatoes, vegetables, fruit, and

(Turn to Page A23)

Pork Congress Set

CAMP HILL (Cumberland Co.) The thirteenth annual Keystone Pork Congress will be held February 20, 1991 at the Penn Harris Inn in Camp Hill. This year's KPC will feature a trade show with more than 40 exhibits, a "Pork Bowl" contest and public speaking competition for 4-H and FFA members, educational seminars and the annual banquet of the Pennsylvania Pork Producers Council. Dr. Kelly Donham, a veterinarian from the Institute of Agricultural Medicine at the University of Iowa is the featured speaker on the educational program and will discuss "Human Health Risks in Your Swine Facilities". Invited banquet speaker is Jane Hieb, of Stone Meadow Communications in Strum Wisconsin. For a program copy, contact your county extension office. To make banquet reservations, call Stephen Burkholder (215) 682-2871.

Franklin Co. Cow Has Best Udder

BONNIE BRECHBILL
Franklin Co. Correspondent

CHAMBERSBURG (Franklin Co.) — A fancy 3-year-old cow earned both the reserve grand champion and the best uddered cow rosettes for her owners in the Holstein competition at the Pennsylvania Farm Show.

Happy M Chapel Mitzy, owned by Craig and Nikki Woodring of Chambersburg, produces about 19,000 pounds of milk and 700 pounds of fat. She is 45 days fresh. The Woodrings purchased her from Stonehurst Farm of Strasburg, Lancaster County, in October 1990.

The Woodrings farm with Craig's parents, Merle and Nancy Woodring of Ment-Wood Farm. Craig, 30, has been showing his cows at the Farm Show for the past five years. While he and his father have a shelf full of trophies from the Franklin County Fair, this was their first big Farm Show win.

"We got two or three offers to sell Mitzy after she won the 3-year-old class," Woodring said.

He admitted to being "a little scared" during the 3-year-old class. By the time he paraded Mitzy around the ring in the championship class, though, he figured he "had a shot at it. It was down to three cows, the judge eliminated one, and it was between the 5-year-old and the 3-year-old," he said.

Woodring said he was not disappointed when the judge went with the 5-year-old. "I was full of smiles," he said. "Then he turned around and gave her (Mitzy) the best udder of the show."

"That meant as much as anything," his father said. The senior Woodring had fitted Mitzy for the show.

Nikki was also leading a cow in the championship class. C North Star SBuck Duchess, a 4-year-old dry cow, had won the 3- and 4-year old dry cow class.

Craig and Nikki Woodring's 3-year-old cow, Happy M Chapel Mitzy, was named reserve grand champion and best-uddered cow in the Holstein Show at the Farm Show.

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Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

LANCASTER, PA
JANUARY 22, 1991

	Cattle	Calves	Hogs	Sheep	Goats
MONDAY'S AUCTION	939	77	300	1190	382
LAST MONDAY'S AUCTION	969	80	225	992	418
LAST YEAR'S AUCTION	1051	82	355	771	323

CATTLE: Slaughter steers firm to 50 higher; slaughter heifers steady; cows firm to 1.00 higher; bullocks steady; bulls 1.00-2 00 higher. Supply included 50% slaughter steers, 19% slaughter heifers, 21% cows, and 10% bulls.

SLAUGHTER STEERS: Choice 2-4 mainly 3 1035-1450 lb 78.25-81.25; few Choice and Prime 2-3 1100-1325 lb 81 50-82.75; Select and low Choice 2-3 1100-1500 lb 74.00-78 25; few Select 2-3 1050-1425 lb 70.00-75.50.

HOLSTEINS: High Choice and Prime 1250-1700 lb 73.50-75.75; Choice 1200-1650 lb 68.00-73.00; Select 1140-1500 lb 62.00-67.00

SLAUGHTER HEIFERS: Choice 2-3 950-1250 lb 76.00-79.75; few Choice 2 1040-1390 lb 80.50-80.85; Select 2-3 900-1250 lb 72.00-77.00; Select and Choice 2-4 1200-1450 lb Heiferettes 56.00-64.50.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 51.00-54.50 54 50-58 00 Cutter & Boning Utility 1-2 48.00-50.00 50 50-54 00 54.00-55.00 Canner and low Cutter 46.00-48.00

BULLOCKS: Few Choice 2-3 1200-1400 lb 65.00-68.50, five head 70.25-73.50; few Select 1-3 1100-1300 lb 62.00-65 00.

BULLS: Yield grade 1 1300-2000 lb 63.50-69.00, 10 head 71.50-75.50, Yield grade 2 1050-1600 lb 59 75-63.50

VEAL CALVES: Vealers steady; slaughter calves 2 00-5 00 higher Demand good for Holstein bulls to return to farm

VEALERS: Couple Choice 180-260 lb 100.00-110 00, high Good and low Choice 150-300 lb 75.00-85.00, 80-110 lb 44 00-55 00; Standard and low Good 60-85 lb 35 00-45 00

SLAUGHTER CALVES· Good and Choice 280-425 lb 75.00-85.00

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 110 00-130 00; small frame 85-115 lb 85 00-110.00.

HOGS Barrows and gilts firm to 50 higher, sows steady, instances 1 00 lower on weights under 500 lb

BARROWS AND GILTS. US 1-2 210-245 lb 49 50-50 50. US 1 215-235 lb 51 00-52 00 US 1-3 210-255 lb 49 00-49 50

SOWS: US 1-3 300-500 lb 38 00-40 50, 500-650 lb 40.50-43.00.

BOARS· All Weights 35 00-37 00

SHEEP Wooled lambs 3 00-5 00 lower, slaughter ewes steady

WOOLED LAMBS Choice 80-110 lb 53 00-58 00, 120-140 lb 42 00-52 00, Good to low Choice 70-100 lb 50 00-53.00

SLAUGHTER EWES· Utility and Good 15 00-35 00, few 35 00-40 00, Yearlings and two-year olds 35 00-45 00

GOATS· All goats sold by the head Large 75 00-100 00, few thin 50 00-75 00, Medium 45.00-55 00, Small, mainly kids, 20 00-35 00, few 35 00-40 00

Vintage Livestock

Paradise, PA
Jan. 22, 1991

CATTLE 565...USDA...(Supply included 23% steers and 69% cows). Compared with Monday's market. Slaughter steers small supply sales .50 to fully 1 00 higher, Heifers scarce; Cows firm to 1.00 higher, Bulls not fully tested Choice 2-3 few 4, 1100/1450 few 1535/1645 lbs. sl. steers 78 85-82, few 82-82 50, Choice & Prime 2-3, 1200/1450 lbs. 82 25-83.50, couple 84.10&84.75, Select & low Choice 2-3 1100/1450 lbs. 76 60-79.00; few Choice Holsteins 1390/1430 lbs. 71.75-72 25, Select 1300/1550 lbs. 65 00-68 75. Couple Choice 2-3 1050/1150 lbs sl heifers 78 00&79 50 Breaking Utility & Commercial cows 2-3, 51 00-55, high dressing 55 00-56 75, several 1475/1850 lbs 56 50-59 50, Cutter & Boning Utility 1-2, 50 00-54 50, high dressing 54 50-56 75, low dressing 48 00-50, Canner & Low Cutter 46 00-48 50, low dressing 45 00-46 00 Couple Yield Grade No 1, 1775/1960 lbs sl bulls 64 75 66 75, couple No 2, 1250/1750 lbs 55 50-59 00

CALVES 765 Supply included 19 head over 130 lbs, and 631 in graded sale of which 87% sold to return to farm Vealers steady Few Choice 150/425 lbs 84 00-89 00, couple Good 150/245 lbs. 64 00-77 00, High Good & low Choice 80/105 lbs 40 00-50 00, Standard and low Good 60/85 lbs 20 00-40 00 Farm Calves Holstein Bulls 120/125 lbs. 135 00-138, 95/115 lbs. 140 00-146 00, 100/105 lbs 150 00, 85/95 lbs 131 00-138 00, Small frame 100/115 lbs 126 00-130 00, 85/95 lbs 104.00-120 00, Hol Heifers 100/115 lbs 136 00-137, 90/95 lbs 114.00, Small frame 80/100 lbs 97 00-103 00, 70/75 lbs 50 00

SHEEP 0 No Market Test - all cwt
GOATS 3 No Market test

Dewart Livestock

Dewart, Pa.
January 21, 1991
Report Supplied by PDA

STEERS 60 00-76 75
HEIFERS TOO FEW TO QUOTE
GOOD COWS 48 00-56 00.
CANNERS AND CUTTERS 40 00-46 00
BULLS 60 00 63 25
VEAL 90-190 LBS 80 00-172 50, 70-90 LBS. 45 00-80 00
HOGS 45 00-48 40
SOWS 39 00 43 75.
FEEDER PIGS TOO FEW TO QUOTE

Lancaster Livestock

Wed., Jan. 23, 1991

	Cattle	Calves	Hogs	Sheep	Goats
Wed's Auction	21	0	212	0	0
Last Wed's Auction	32	2	256	0	0
Last Year's Auction	40	3	295	0	0

CATTLE: Insufficient volume of any one class to test trend.

VEAL CALVES: No market test.

HOGS: Small supply barrows and gilts firm to 50 higher; sows 1.00-1.50 higher.

BARROWS AND GILTS: US 1-2 210-245 lb 50.00-51.00.

SOWS US 1-3 300-500 lb 39 00-42.00 500-650 lb 42.00-44.00.

BOARS: All weights 36.00-37 00

SHEEP. No market test.

GOATS: No market test

Mercer Livestock

Mercer, PA
Jan. 22, 1991

CATTLE 155...PDA...Compared with last weeks market: Slaughter steers 1.50 to 2 00 lower; Cows 1.50 higher. Choice slaughter steers 76.50-79.60, Select 71.50-76.00; few Choice Holstein 70 00-72.00, Standard 68 00-70 50. Choice sl heifers 74 00-76 50, one high Choice 78 25, Select 70 00-74 00, few Standard 58 00-65, few Utility 52 00-57 00. Breaking Utility & Commercial sl cows 49.00-55 00, couple 56 60&57, Cutter & Boning Utility 46 50-51.00, Canner & low Cutter 38 00-47 00, Shells down to 20.00. Few Yield Grade No. 1, 1200/1700 lbs sl bulls 57 00-64, one No 2, 1120 lbs 53 75. Feeder Cattle Few Medium No 1, 350/400 lbs. heifers 70 00-77 00

CALVES 94. Standard and Good 90/120 lbs vealers 50 00-64 00, 60/80 lbs 35 00-50 00, few Utility 45/55 lbs. 29 00-36 00 Farm Calves No. 1, Holstein Bulls 90/125 lbs 120 00-160 00, No 2, 90 00-120 00, few Hol Heifers 90/130 lbs. 85 00-140 00. Few Beef cross 85/125 lbs. bulls and heifers 95 00-150 00.

HOGS 140. Barrows and Gilts 1 50 to 2 00 higher. US No 1-2 220/255 lbs. barrows and gilts 52 35-53 10, 1-3 225/260 lbs 51 10-52 50, lot 2-3 308 lbs 47 00 US No. 1-3 400/610 lbs sows 48.50-51 00, 2-3 460/750 lbs. 46 00-48 50 Boars 30 00-37.00.

FEEDER PIGS 0 Insufficient volume for a market test - per head

SHEEP 0 .No market test - all cwt.

GOATS 0 ..No market test --- all per head

New Holland Livestock Auction

Lancaster, Pa.
Thursday, January 24, 1991

	Cattle	Calves	Sheep	Goats
Today	920	634	71	14
Last Thursday	782	629	66	65
Last Year	822	674	16	35

CATTLE: Slaughter steers mostly steady, some weakness on Select and low Choice; slaughter heifers steady; cows steady; bullocks not fully tested; bulls steady. Supply included 44% slaughter steers and 42% cows.

SLAUGHTER STEERS: Few Choice and Prime 2-3 1125-1425 lb 82.75-84.00, couple 84.75-85.25; Choice 2-3 few 4 1050-1450 lb 79.00-82.00, few 82.00-82.75; Choice 3 few 4 1450-1600 lb 77.00-80.50; Select and low Choice 2-3 1025-1425 lb 76.50-80.00. HOLSTEINS: Choice 1250-1500 lb 68.50-71.00; couple High Choice and Prime 1275-1400 lb 72.00-74.00; Select 1050-1475 lb 64.00-68.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1150 lb 76.60-79.00; few Choice 2 1100- 1320 lb 80.25-81.75.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 50.50-55.50 55.50-58.50. Cutter and Boning Utility 1-2 49.00-50.00 50.00-54.75 55.00-56.75. Canner and low Cutter 45.00-46.50 46.50-48.50.

BULLOCKS: Couple Choice 2-3 1100-1325 lb 68.50-70.00.

BULLS: Yield grade 1 1350-2060 lb 63.00-67.00; Yield grade 2 1050-1450 lb 61.00-64.00.

VEAL CALVES: Vealers steady. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 130-320 lb 89.00-99.00, couple 250-275 lb 101.00-105.00; high Good and low Choice 145-410 lb 72.00-80.00, 80-110 lb 44 00-50.00; Standard and low Good 65-85 lb 40 00-45 00

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 120.00-155.00, with several late 155.00-162.00, 80-90 lb 110 00-130 00, small frame 85-115 lb 85 00- 120 00, few 80-90 lb 70.00-85.00.

SHEEP: Wooled lambs and slaughter ewes steady.

WOOLED LAMBS: Choice 65-80 lb 62.00-76.00, few 50-60 lb 85.00-91.00, few 85- 100 lb 53.00-59.00.

SLAUGHTER EWES: Utility and Good 16 00-27 00.

GOATS: All goats sold by the head. Medium 33 00-50.00, couple Large 60.00-68.00, individual 92.00; few Small 18 00-30.00.

Lancaster County Weekly

Lancaster, Pa.
Friday, January 25, 1991

	Cattle	Calves
This Week	2600	1470
Last Week	2820	1527
Last Year	2737	1592

CATTLE: Slaughter steers 1.00-2 00 higher; slaughter heifers steady; cows firm to mostly 1.00 higher; bullocks fully steady; bulls 1.00-2.00 higher. Supply included 39% slaughter steers, 9% slaughter heifers, 38% cows, 6% bulls, with the balance feeders.

SLAUGHTER STEERS: Choice and Prime 2-3 1125-1450 lb 82.25-83.75, few 84.00- 85.25; Choice 2-3 few 4 1025-1450 lb, few 1500-1650 lb 78.85-82.00, few 82.00-82.75; Choice 3-4 1450-1600 lb 77.00-80.50; Select and low Choice 2-3 1025-1450 lb 76.00-79.00, few 79.00-80.00; Select 2-3 1050-1425 lb 70.00- 75.50. HOLSTEINS: High Choice and Prime 1250-1700 lb 72.50-75.75, Choice 1200-1650 lb 68.00-72.50; Select 1050-1500 lb 62.00-68.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1250 lb 76.00-79.75; few Choice 2 1040- 1390 lb 80.25-81.75; Select 2-3 900-1250 lb 72.00-77.00; Select and Choice 2- 4 1200-1450 lb heiferettes 56.00-64.50.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility & Commercial 2-3 50.50-55.50 55.50-58 50, Several 1475-1850 lb 56.50-59.50. Cutter and Boning Utility 1-2 48.00-50 00 50.00-54.75 55.00-56.75. Canner and low Cutter 45.00-46.00 46.00-48.50.

BULLOCKS: Few Choice 2-3 1200-1400 lb 65.00-70.00, five head 70.25-73.50; few Select 1-3 1100-1300 lb 62.00-65.00.

BULLS: Yield grade 1 1300-2060 lb 63.00-69.00, 10 head 71.50-75.50; Yield grade 2 1050-1600 lb 59.75-63.50.

VEAL CALVES: Vealers steady, slaughter calves 2 00-5.00 higher. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Choice 130-425 lb 84.00-99.00, couple 180-275 lb 100.00-110.00, high Good and low Choice 150-300 lb 72.00-85.00, 80-110 lb 42.00-52.00; Standard and low Good 60-85 lb 20.00-40.00

SLAUGHTER CALVES: Good and Choice 280-425 lb 75 00-85.00.

RETURNED TO FARM. Bulk 90-125 lb Holstein bulls 120.00-155 00, few 155.00- 162.00, 80-90 lb 104.00-130 00, small frame 85-115 lb 85.00-120.00, few 80-90 lb 70.00-85.00.

MAMMA

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AUCTIONS
MONDAY
9:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
10.00 A.M. - Goats, Veal Calves, Lambs
12 Noon - Slaughter Hogs
WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs
FRIDAY
11:00 A.M. - Stocker and Feeder Cattle
SATURDAY
8:00 A.M. - Slaughter Hogs
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Hog Markets

Central U.S. Carlot

Pork Report
Jan. 23, 1991
Report supplied by USDA

CENTRAL U.S. CARLOT PORK RLPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 00 P.M

COMPARED TUESDAY'S 3.00 P.M. CLOSE FRESH PORK LOINS MOSTLY 6 00 LOWER; BOSTON BUTTS 3 00 HIGHER, SKND HAMS UNEVEN, SDLS BELLIES WEAK TO 2 00 LOWER IN LIGHT TEST. DEMAND LIGHT, MOVEMENT SLOW TO MODERATE ON MODERATE SUPPLIES

NOTE 7 LOADS BOSTON BUTTS FOR DEL. FEB 1 ON AT 68 00/74 00.

69.5 LOADS PORK CUTS
19.5 LOADS TRIM/PROCESS PORK

PORK CUTS
LOINS, REG., FRESH

14-18 LBS.*, 10 LOADS, RANGE 108 00-115.00, WGHTD. AVG. 109.70.

¼" TRIM, 14-18 LBS., 10 LOADS, RANGE 124.00-134.00), WGHTD. AVG. 127 15

18-22 LBS *, 2.5 LOADS, RANGE 106 00-110 00, WGHTD AVG. 108.00.

¼" TRIM 18-22 LBS , 2.5 LOADS, RANGE 122.00-128 00), WGHTD AVG 124 80

COMBOS 22/UP LBS , RANGE 82 00, WGHTD AVG. 82 00

LOIN,BLS CTRCT 5-7 LBS.

RANGE 247 00, WGHTD AVG 247 00 B

BNLS SIRLOIN .75-1 LB.

RANGE 152.00, WGHTD. AVG 152 00 B.

TENDERLOIN 1.25 AND DOWN LBS.

RANGE 329 00, WGHTD AVG 329 00 E

PICNIC FRESH FOR SMKR TRM, RS

RANGE 61 00, WGHTD AVG 61 00 A

BOSTON BUTT

4 8 LBS. *, 2.5 LOADS, RANGE 70 00, WGHTD AVG. 70 00

¼" TRIM 4-8 LBS , 2 5 LOADS, RANGE 88 00, WGHTD AVG. 88.00.

COMBOS 8/UP LBS , RANGE 70 00, WGHTD AVG. 70.00 A

SPARERIB, FRESH

1 5-3 5 LBS., 2.5 LOADS, RANGE 112 50-116.00, WGHTD. AVG 113 20

5 5/UP LBS , RANGE 69 00, WGHTD AVG 69 00 B

SPARERIB, FROZEN

3 5 5 5 LBS., RANGE 95 00, WGHTD. AVG 95 00 B

5 5 LBS AND UP, RANGE 73.50, WGHTD AVG 73.50 B.

LOIN BACKRIB (BOXED)

FRSH/FRZN 1 5/DN#, RANGE 275 00, WGHTD AVG. 275 00 B.

1 75-2 00 LBS., .5 LOADS, RANGE 261 00, WGHTD. AVG 261 00

1 75-2 00 LBS , RANGE 188 00, WGHTD AVG 188 00 B

HAM, SKINNED, SELECTED

FRESH 17-20 LBS , 10 5 LOADS, RANGE 72 00-73 00, WGHTD AVG 72 62

FRESH 20-26 LBS , 18 LOADS, RANGE 70 00-72 00, WGHTD AVG 70 83

BELLY, SDLS, SKIN-ON, FRESH

10-12 LBS., UNQUOTED

12 14 LBS., 4 LOADS, RANGE 62 00, WGHTD AVG. 62.00.

14-16 LBS , 6 LOADS, RANGE 62 00, WGHTD AVG 62 00.

16-18 LBS , 1 LOAD, RANGE 60 00, WGHTD. AVG 60.00.

18 20 LBS , UNQUOTED

20-25 LBS , 1 LOAD, RANGE 51 00, WGHTD. AVG. 51 00

PORK TRIMMINGS
BONELESS PROCESSING PORK (CHEMICAL LEAN)

COMBO 42% FRESH, 4 LOADS, RANGE 34 50, WGHTD AVG 34 50

COMBO 42% FROZEN, RANGE 36 00, WGHTD AVG 36 00 B

COMBO 72% FRESH, 6 0 LOADS, RANGE 67 00-69 00, WGHTD AVG 67 75

BOXED 72% FROZEN, RANGE 72 00-73 00, WGHTD AVG 72 67 B

PICNIC CUSHION MEAT

COMBO 92% FRESH, RANGE 126 00, WGHTD. AVG. 126 00 A

BONELESS PICNIC MEAT

COMBO 72% FRESH, 6 5 LOADS, RANGE 69 50-71 00, WGHTD AVG 70 58

BOXED 72% FROZEN, RANGE 72 00, WGHTD AVG 72 00 B

SKINNED JOWLS

COMBO FRESH, 1 LOAD, RANGE 25 00, WGHTD. AVG 25 00

BOXED FROZEN, 2 LOADS, RANGE 26 50-27 00, WGHTD AVG 26 75

NOTE (*)REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS

PORK CARCASS CUTOUT
WEDNESDAY, JAN. 23

ESTIMATED GROSS CUTOUT VALUES OF A 175 LB. HOG CARCASS BASED ON USDA CUTTING YIELD TESTS AND CARLOT PRICES WEDNESDAY'S CARCASS GRADES & PRICES PER CWT

US#1 70 63, CHANGE FROM TUESDAY'S VALUE -0 99; US#2 68.50, CHANGE -0.97; US#3 66.37, CHANGE -0.95, US#4 64.25, CHANGE -0 93.

TODAY'S CALCULATIONS FOR US#2 175 LB PORK CARCASS:

HAM, SKINNED, 14-20 LBS., 21.01% OF CARCASS, 72 25 FOB VALUE, CHANGE FROM TUES 0.25; LOINS, ¼" TRIM, 14-22 LBS , 20.33% OF CARCASS, 126.50 FOB VALUE, CHANGE -5 50.

BELLIES, SDLS, 12-14 LBS., 13 90% OF CARCASS, 62.00 FOB VALUE, CHANGE FROM TUES. -2 00; SPARERIBS, 3 5 DN. LBS , 3 03% OF CARCASS, 113 00 FOB VALUE, CHANGE 1.00.

PICNICS, 8-12 LBS , 10.31% OF CARCASS, FOB VALUE 48 00, CHANGE 1 25, BUTTS, ¼" TRIM, 4-8 LBS., 7.25% OF CARCASS, 88.00 FOB VALUE, CHANGE 2.75

JOWL, 2.85% OF CARCASS, 27.00 FOB VALUE, NECKBONES, 1.52% OF CARCASS, FOB VALUE 16 00.

FEET, 1 05% OF CARCASS, 28.00 FOB VALUE; TAILS, 22% OF CARCASS, FOB VALUE 54 00.

Hay & Grain Markets

National Grain Market

St. Joseph, MO
Jan. 23, 1991

DAILY NATIONAL GRAIN MARKET SUMMARY CASH GRAIN AND SOYBEAN PRICES LOWER WEDNESDAY WHEAT 1-3 CENTS LOWER EXCEPT MINNEAPOLIS 1-2 CENTS HIGHER; CORN STEADY TO 1 CENT LOWER; SORGHUM 1 CENT LOWER; SOYBEANS MOSTLY 1 CENT LOWER ALTHOUGH WAR IN THE PERSIAN GULF RAGES ON, GRAIN AND SOYBEAN PRICES INFLUENCED MAINLY BY U S S.R /BALTIC CONFLICT. WHEAT PRICES FELL ON REJECTION OF U S S.R.'S EXPORT BONUS FEED QUALITY WHEAT BID. HOWEVER, EGYPT'S PURCHASE FOR SOFT WHITE WHEAT LIMITED LOSSES CORN PRICES SLIGHTLY LOWER, PRESSURED BY FEAR OF NO FUTURE EXPORT CORN DEMAND FROM U S S.R. SOYBEAN PRICES DECLINED AFTER YESTERDAY'S SHARP RALLY AS TRADERS MADE ADJUSTMENTS. LITTLE EXPORT BUSINESS AND DRY WEATHER IN SOUTHERN BRAZIL ALSO WEAKENED BEAN PRICES

EXPORT NEWS· U S S R BOUGHT 499,500 TONNES HARD RED WINTER WHEAT UNDER EXPORT BONUS PROGRAM FOR FEB/MARCH SHIPMENT. ALGERIA BOUGHT 50,000 TONNES HARD AMBER DURUM UNDER EBP FOR FEB/MAR THE PHILIPPINES BOUGHT 35,000 TONNES NORTHERN/ DARK NORTHERN SPRING WHEAT UNDER EBP FOR FEB/MAR SHIPMENT WEST AND CENTRAL AFRICAN COUNTRIES BOUGHT 500 TONNES U.S. WHEAT FLOUR UNDER EBP FOR FEB/MAR SHIPMENT TAIWAN BOUGHT 54,000 TONNES U S NO. 2 YELLOW CORN FOR MARCH/APRIL SHIPMENT

DATE CHANGE YEAR AGO 01/23/91 01/22/91 01/24/90 WHEAT· KANSAS CITY 2 61-2.63 DN 1 4.13-4 17 MINNEAPOLIS 2 86-2 89 UP 1 1/2-2 1/2 4.12 1/2-4.15 1/2 PORTLAND 2 92-2 93 DN 3 4.40-4.44 ST. LOUIS 2 56-2 59 DN 1-2 4.04-4.09

CORN, U.S. NO. 2 YELLOW. KANSAS CITY 2.40-2.43 NC 2 39-2 43 MINNEAPOLIS 2.24 1/2 DN 3/4 2.21 3/4 SO IOWA 2.37 1/2-2.39 1/2 DN 1 1/2-1/2 2.43-2.45 OMAHA 2.24-2.26 DN 1 2.24-2.25

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.81-5.85 DN 1 5.60-5.64 MINNEAPOLIS 5.68 DN 1 5.42 SO. IOWA 5.74-5.87 DN 7-NC 5.55 C. ILL PROCESSORS 5.88-5.96 NC-DN 1 5.68-5.73

KANSAS CITY, US NO 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT

FUTURES CLOSE KANSAS CITY (MAR) WHEAT * 2 56 3/4 * DN 1 3 96 1/4 MINNEAPOLIS (MAR) WHEAT 2 59 DN 1/2 3 83 1/2 CHICAGO (MAR) WHEAT 2 51 1/2 DN 1 1/2 3.51 1/2 (MAR) CORN 2.38 1/2 DN 3/4 2 40 3/4 (MAR) SOYBEANS 5.86 DN 1 5 66

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3 01-3 04 DN 1 4 54 NO. 2 SOFT RED WINTER WHEAT 2.87-2.88 NC 4.32-4.38 NO. 2 YELLOW CORN 2 68-2 70 UP 1-2 4 64-4.67 NO. 2 YELLOW SORGHUM RAIL 4.79 DN 2 BARGE 4.78 DN 3 4.64-4 67 NO 2 YELLOW SOYBEANS 6 15-6 16 DN 2 6 00

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, Jan. 22, 1991
Report Supplied by Auction

84 LOADS OF HAY.

MIXED HAY. 1ST CUTTING 66 00-91.00, 2ND CUTTING 66 00-104 00

CLOVER MIX: 58 00-91.00

CLOVER. 2ND CUTTING 70 00-113 00

ALFALFA MIX 64 00-125.00

ALFALFA· 1ST CUTTING 96.00-104 00, 2ND CUTTING 87.00-168.00, 3RD CUTTING 68 00-129 00

TIMOTHY 67 00-97 00

GRASS· 43.00-100 00.

WHEAT STRAW. 32 00-91 00

OAT STRAW. 59.00 62 00

STUBBLE HAY 57 00

WOOD. 40 00-41 00 PICK-UP LOAD

WOOD POSTS 40 AT 3 77 EACH

Keister's Hay

Middleburg, PA
Tuesday, Jan. 22
Report supplied by auction

45 LOADS HAY

ALFALFA 95 00-165 00

MIXED HAY 40 00-130 00

STRAW 14 LOADS, 45 00-62 50

EAR CORN. 9 LOADS, 60 00-72 50

SHELLED CORN. 1 LOAD, 2 60 BU

OATS 9 LOADS, 1 50-1.75 BU

WOOD: 23 LOADS, 20 00-55 00 LOAD

North Jersey Market

Hackettstown, N.J.
Tuesday, Jan. 22, 1991
Hay—Straw & Grain Report

ALFALFA HAY: 1 90-2 20 BALE

MIXED HAY. 1.20-2 00 BALE

TIMOTHY HAY· 2 00 BALE

GRASS HAY· 1 50-1 90 BALE

STRAW 1 50-1 60 BALE.

SHELLED CORN 6 00 BAG

OATS 5 50 BAG

Westminster Hay

Westminster, Md.
Tuesday, Jan. 22, 1991
Report Supplied by Auction

TOTAL LOADS. 100

ALFALFA 61 00 97 50, 1 00-2 90 BALE.

ALFALFA MIX 72 50, 1 80-2 10 BALE.

TIMOTHY 1 30-2 10 BALE

TIMOTHY MIX 62 50-92 50, 1 00 1.10 BALE

ORCHARD GRASS 1 00-1 20 BALE

TIMOTHY ROUND BALLS 44 00, 17 00-22 00 EACH

ALFALFA ROUND BALES 20 00 EACH

CLOVER 1.50 BALE

MULCH 15-.80 BALE

STRAW. 67.50-76 00, 1 05-1 60 BALE

WOOD. 45 00-85 00 CORD

Frederick Co. Hay

Buckeystown, Md.
Thursday, Jan. 24, 1991
Report Supplied by Auction

38 LOADS; CLOUDY, MARKET SLOW TO WEAK.

ALFALFA· 1 LOAD FANCY 125 00, 5 FAIR TO GOOD 81 00-96 00

TIMOTHY 6 LOADS GOOD 81 00-95 00, 11 FAIR SOME DAMAGED 39 00-77 00

MIXED HAY 4 LOADS FAIR TO GOOD 51 00-75 00

ORCHARD GRASS 74 00

STRAW 5 LOADS FAIR TO GOOD 66 00-75 00

FIREWOOD 5 LOADS GOOD HARDWOOD 72 00-82 00 CORD

Greencastle Hay Market

Hay & Straw
Jan. 17&21, 1991

53 LOADS.

ALFALFA (GOOD) 107.00-128 00/TON.

ALFALFA (FAIR) 85.00-105.00/TON

ALFALFA MIXED 82 00-92 50/TON

TIMOTHY HAY 60 00-78 00/TON

MIXED HAY 70 00-101 00/TON

ORCHARD GRASS 80 00-91 00/TON

BROOM GRASS 70 00-78 00/TON.

MULCH HAY 55.00-DOWN/TON.

STRAW- WHEAT 64.00-74 00/TON.

FIREWOOD 37.00-40 00/LOAD.

Green Dragon Hay

Ephrata, Pa.
Friday, Jan. 18, 1991
Report Supplied by Auction

TOTAL LOADS 214

MIXED HAY. 55 00-140 00

ALFALFA 64 00-150 00

TIMOTHY 45 00-125 00

ORCHARD GRASS 68 00-102 00

STRAW 61 00-110 00

EAR CORN 73 00 84 00

MEADOW GRASS 46 00 66 00

OATS· 1 85-2 35 BU

FIREWOOD 54 00 195 00 LOAD

SHREDDED PAPER 47 00

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Virus Infects 60 Percent Of Nation's Dairy Herds

HARRISBURG (Dauphin Co.) — Although 60 percent of dairy herds across the nation are infected with the virus, only 5 percent of BLV-infected animals develop the fatal Bovine Lymphosarcoma, according to a University of Pennsylvania professor.

Dr. Robert Whitlock, professor of medicine for Penn's School of Veterinary Medicine, spoke about the Bovine Leukemia Virus and its effect on animals to about 50 Pennsylvania State Grange members and guests who gathered at the Grange's Annual Farm Show meeting Jan. 7.

The Grange invited Whitlock to address the issue of BLV at its Farm Show meeting because it is an issue the Grange feels the state Department of Agriculture should address with some urgency, said Julie Franklin, spokeswoman for the Grange.

As its recent convention, the Grange created policy to urge the state Department of Agriculture and the USDA to work toward making Pennsylvania Bovine Leukemia free. A goal that the Grange feels is attainable and would benefit Pennsylvania farmers, Franklin said.

Holland, Germany, Denmark and Austria have eradicated BLV and the European Economic Community has established a goal to eliminate the virus. This goal once achieved could restrict incoming U.S. exports if they are not free of the virus.

"The state and federal agricultural agencies need to adopt this goal if Pennsylvania and all American farmers are to compete in the world economic community," Franklin said. Currently, New York is the only state with an active, ongoing certification program.

Bovine Leukemia Virus, a lymphocytotrophic retrovirus, has not been shown to cause disease in man, but in Pennsylvania 33 percent of dairy cows are infected with BLV and across the nation, 25 percent of dairy cows are infected with the virus, Whitlock said. Only 4 percent of beef cows are infected with the virus.

Bovine Lymphoscarcoma, caused by Bovine Leukemia Virus, is a cancerous disease of lymphoid tissue which is always fatal, Whitlock said. An "infected" animal carries the virus and has developed antibody to the virus but may not necessarily be afflicted with related tumors.

Whitlock said Bovine Leukemia rarely occurs in animals less than 2 years of age and more commonly occurs in 4 to 8 year old cattle.

He continued to elaborate by noting symptoms of Bovine Lymphosarcome that farmers can look for include weight loss and decreased milk production. But specific clinical signs depend on which lymph nodes are enlarged and are detachable through veterinary examination.

Eighty percent of BLV cases are transmitted from cow to cow - "horizontal transmission," Whitlock said. Tranmission of the virus can occur in a number of ways including hypodermic needles, gouge calf dehorning without washing and disinfecting instruments, ear tatooing instruments, biting insects especially horse flies and rectal palpation with a common plastic sleeve presents some risks. In-utero or vertical transmission occurs in 6 to 20 percent of calves born to infected dams.

Although milk contains virus particles and may infect calves without antibody, when given to calves with colostral antibody it rarely results in BLV spread, he said.

However, bloody milk represents a greater risk of spread since it may contain more BLV infected cells.

Efforts to control the virus include raising calves from negative dams; feeding colostrum from BLV negative dams to calves from BLV positive cows; cleaning and disinfecting dehorning, castration and tatoo instruments; using individual needles for vaccinations and separate rectal sleeves for each examination if infected cows remain on the farm.

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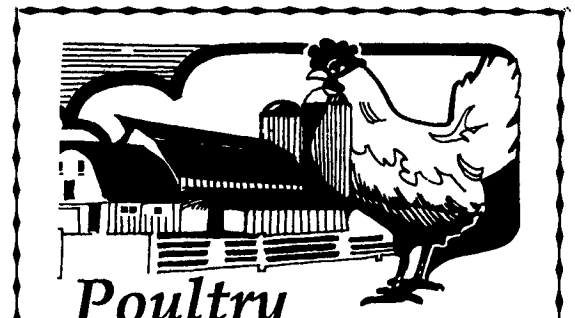

Poultry Markets

N.E. Chicken Parts

Jan. 23, 1991

Trucklot buying interest was light and unaggressive. Supplies of boneless skinless breasts were adequate and traded at steady prices. Whole yellow skin breasts were in close balance, white skin breasts were at least adequate Legs and yellow skin leg quarters were adequate, white skin leg quarters were fully adequate and slow to clear. Wings were fully adequate to ample and traded at lower trending prices Drumsticks, thighs, and giblets were steady.

TODAY'S NEGOTIATED SALES AS OF 11 30 A M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES·

ITEM CURRENT NEGOTIATED TRADING BREASTS BONELESS SKINLESS 170-175 WITH RIBS 84-85 LINE RUN 84 LEGS 43-44 LEG QUARTERS 35-36 THIGHS 36-37 DRUMSTICKS 34-35 WINGS 60-61 BACKS & NECKS 10-12 LIVERS 15 GIZZARDS (HEARTS) 35

Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island

PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES CURRENT ITEM NEGOTIATED TRADING* WEIGHTED AVG ** VOLUME/LBS BREASTS BONELESS SKINLESS 170-175 178 64 291,600 WITH RIBS 84-85 91 36 318,600 LINE RUN 84 81 26 210,600 LLGS 43-44 45 17 288,000 LEG QUARTERS 35-36 35 23 361,800 THIGHS 36-37 36 64 39,600 DRUMSTICKS 34-35 34 38 61,200 WINGS 60-61 69 38 306,000 BACKS & NECKS 10-12 10 46 23,400 LIVERS 15 20 73 19,800 GIZZARDS (HEARTS) 35 36 11 34,200

*TODAY'S NEGOTIATED SALES AS OF 11 30 A M **WEIGHTED AVERAGE PRICE OF ALL GRADES AND BRANDS OF PRODUCT SHIPPED, OR TO BE SHIPPED FROM PROCESSORS AS OF 2 00 P M. DAY OF REPORT. (INCLUDES NEW YORK CITY METROPOLITAN AREA, NORTHERN NEW JERSEY, MASSACHUSETTS, CONNECTICUT AND RHODE ISLAND)

New York & Phila. Frozen Eggs

Jan. 18, 1991

Prices were unchanged to lower Trading activity was slow to moderate but for the most part limited to immediate needs Raw materials were fully adequate and usually exceeded breaker needs Floor stocks were generally in good balance to satisfy current buyers needs.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB CONTAINERS)

CLASS TRUCKLOTS LTL (MIN 25 CONT) WHOLE 66-69 MOSTLY 67-68 70-76 BLENDS (/) - MOSTLY - 72-82 WHITES 44-46 MOSTLY 44-45 47-56 YOLKS (MIN 43% SOLIDS) SUGARED 78-82 MOSTLY 80-81 82-89 SALTED 73-77 MOSTLY 74-76 77-84 (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS

Eastern PA & NJ Poultry

Jan. 23, 1991

Trade sentiment barely steady on both classes Demand is only moderate at best as dressed product is slow to clear Offerings are irregular but adequate for desired needs.

CENTS PER POUND, GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK

LIGHT TYPE AT FARM (PRODUCER LOADING) 2 5-3 FOB PLANT TOO FEW TO REPORT

HEAVY TYPE (7 POUNDS AND UP) AT FARM (BUYER LOADING) TOO FEW TO REPORT AT FARM (PRODUCER LOADING) TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT

N.E. Weekly Shell Egg Report

Tuesday, Jan. 22
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES

	EX LARGE	LARGE	MEDIUM	SMALL
N HAMP.	1 05-1 09	1 03 1 07	86- 90	.63- 67
MOSTLY	1 07-1 08	1 05-1 06	88- 89	65- 66
RHODE ISLAND	1 09-1 13	1 07-1 11	91- 95	66- 70
MOSTLY	1.09	1 07	91	66
VERMONT	1.13-1 24	1 11-1 20	95-1 01	
MOSTLY	1 13	1 11	95	
MAINE	1 15-1.17	1.13-1 15	96- 98	70- 72

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Indiana Hogs

Jan. 23, 1991

HOGS 51

BARROWS AND GILTS .50-1.00 LOWER. DEMAND MODERATE.

US 1-2 220-260 LBS. 49.00-50 50; FEW TO 51.00.

210-220 LBS. 47.00-48 50

US 1-3 220-260 LBS. 48 00-49.50

SOWS MOSTLY STEADY

US 1-3 300-500 LBS 34 00-38 00, FEW TO 39.50.

500-650 LBS. 38.00-41 00

**INDIANA DIRECT RECEIPTS· TUESDAY'S ACTUALS 18,100 TODAYS ESTIMATE 18,000 WEDNESDAY WEEK AGO 20,100 WEDNESDAY YEAR AGO 18,200 WEEK TO DATE 56,000 SM PD WEEK AGO 65,000 SM PD YEAR AGO 56,000

**RECEIPTS FOR A YEAR AGO WILL NOT COMPARE TO THIS WEEK DUE TO A CHANGE IN THE REPORTING BASE.

CARCASS BASIS HOG PRICES. HOT WEIGHTS: PLANT DELIVERED. 160 185 LBS. BARROWS AND GILTS 1 35 1 36 LOWER.

US 1 (BACKFAT THICKNESS 50- 79 IN) 70 39 TO 74.62 US 1 (BACKFAT THICKNESS .80- .99 IN.) 69.09 TO 70 62 US 2 (BACKFAT THICKNESS 1.00-1.24 IN) 67.51 TO 69.62 US 3 (BACKFAT THICKNESS 1.25-1.49 IN.) 66.51 TO 69 12 US 4 (BACKFAT THICKNESS 1 50-1.79 IN.) 64.55 TO 66.51

ACTUAL PAYING PRICE MAY NOT ALWAYS BE WITHIN PRICE RANGES AS ADJUSTMENTS ARE MADE FOR SUPERIOR OR INFERIOR MUSCLING AND BACKFAT THICKNESS WITHIN THE GRADES.

Peoria Hogs

Peoria, IL

Jan. 24, 1991

HOGS· 2000 TRADING MODERATE. BARROWS AND GILTS OPENING FULLY STEADY COMPARED WITH WEDNESDAY. SUPPLY MAINLY US 1-3 230-260 LBS.

US 1-3 220-250 LBS. 52.00-52.50 2-3 230-260 LBS. 51.50-52.00

SOWS. UNDER 500 LBS. STEADY TO 25 HIGHER, OVER 500 LBS. .50 LOWER 15%

US 1-3 325-400 LBS. 42.50 400-500 LBS 43.00-43.25 500-650 LBS. 44 00

St. Louis Cattle, Hogs

Jan. 23, 1991

CATTLE AND CALVES: 450 (0 SLTR, 450 FDRS)

RECEIPTS CONSISTS OF FEEDER CATTLE AND COWSFOR THE REGULAR THURSDAY AUCTION.

SLAUGHTER CLASSES NOT TESTED.

SLAUGHTER CLASSES: COWS: CUTT, UTIL, COMM BULK SALES HIDRESS % LO-DRESS % BREAKING 2-4 BONING 1-2 LOW TO AVG CUTTER

RECEIPTS THIS WEEK 1,600: WEEK AGO 1,600: YEAR AGO 1,800 COMPARED TO THE PREVIOUS WEEK'S TERMINAL MARKET CLOSE, SLAUGHTER STEERS AND HEIFERS MOSTLY STEADY. COWS FIRM TO 1 00 HIGHER, ADVANCE ON HIGH-YIELDING CUTTER AND BONING UTILITY. BULLS STEADY SLAUGHTER SUPPLY MAINLY CHOICE AND MIXED SELECT AND CHOICE STEERS AND HEIFERS, AROUND 10% COWS.

State Graded Feeder Pig Sale

at Westminster

Livestock Auction

Jan. 18, 1991

482 PIGS. 2 WEEKS AGO 791. PRICES WERE STEADY TO 5.00 ON PIGS UNDER 60 LBS HEAVY-WEIGHTS RANGED 5.00 HIGHER TO 5 00 LOWER.

GRADE 1 AND 2· 20 HEAD 33 LBS 119.00, 36 HEAD 41-45 LBS 104 00-111.00; 146 HEAD 48-58 LBS. 90 00-100 00, 208 HEAD 60-69 LBS. 87 00-93 00; 34 HEAD 70-74 LBS. 79 00-90 00; 28 HEAD 89 LBS. 72 00

NEXT SALE FRI , FEB 2, 1:30 P M

Leinbach's Hay

Shippensburg, PA

Jan. 19 and 22

Report Supplied by Auction

TOTAL LOADS: 141.

ALFALFA: 48 00-115 00.

MIXED HAY: 45.00-102.00.

TIMOTHY: 43.00-76.00.

CLOVER: 45.00-62.00.

GRASS: 50.00-86.00.

STRAW: 41.00-71.00.

EAR CORN: 71.00-76.00.

OATS: 1.75-1.90 BU.

WOOD: 36.00-48.00 PICK-UP LOAD.

MULCH HAY: 25.00-45.00.

New Holland Hog Auction

LANCASTER, PA

JANUARY 21, 1991

HOG RECEIPTS

TODAY	687
LAST MONDAY	675
LAST YEAR	1170

TREND: Compared to last Monday barrows and gilts 50-1.00 lower.

BARROWS AND GILTS: US 1-2 210-250 lb 49.75-51.00.

US 1 215-240 lb 52.00-52.50, One lot 54.50.

US 1-3 220-260 lb 47.00-48.50.

Lancaster Hogs

Lancaster Stockyards

Sat., Jan. 19, 1991

Report supplied by auction

400 HEAD.

US 1 215-245 LBS. 51.00-52.75.

US 1-2 215-245 LBS. 50.00-51.00.

US 1-3 215-245 LBS. 49.50-50.00.

US 2-4 215-255 LBS. 47.00-49.00.

GOOD SOWS: 40.00-42 75.

MEDIUM SOWS: 38 00-40 00

THIN SOWS: 35.00-37.50

HEAVY BOARS: 35 00-35.50

LIGHT JR. BOARS: 37.00-37.75.

Vintage Hay

Paradise, PA

Thurs., Jan. 24, 1991

Report Supplied by Auction

30 LOADS.

ALFALFA· 77 50-125.00.

MIXED HAY: 69.00-105 00.

TIMOTHY: 90 00-117.50.

ORCHARD GRASS· 70 00-106.00

CLOVER: 96.00.

EAR CORN: 77 00

STRAW. 71 00-90.00

Dewart Hay

Dewart, PA.

Monday, Jan. 21, 1991

Report Supplied by Auction

16 LOADS OF HAY, 54.00-126.00

STRAW: 3 LOADS, 55.00-70.00.

WOOD: 19 LOADS, 20.00-66.00 LOAD.

CORN. 7 LOAS, 60.00-68.00.

OATS: 3 LOADS, 1.61-1.70 BU.

Belleville Hay

Wednesday, Jan. 23

Belleville, PA

Report Supplied by Auction

TOTAL LOADS: 75 LDS. HAY.

ALFALFA: 70.00-117.50.

MIXED HAY: 40.00-107.50.

STRAW: 62.50-90.00.

OATS: 1.95-2.30 BU.

Heinsey's Poultry

Roots, E. Petersburg

Jan. 22, 1991

Muscovy Ducks, Drakes .80-.92.

Hens .90-1.16.

Pekin Ducks .30-.44.

Red Fowl: 4-4.5# .20-.48, 5-6# .60-.84.

Crossbred Roosters: 4-6# .40-.76, 7-11# .40-.74.

Crossbred Fowl: 5-9# .30-.58.

Banty Roosters 2.00-4.50 ea.

Banty Hens 1.00-2.25 ea.

Guinea Pigs 1.00-2.25 ea.

Guinea Fowl .60-1.05.

Pigeons 1.35-1.75 ea.

White Pigeons 3 00-4.10 ea.

Rabbits: 4-6# .50- 84, 7-11# 40- 58

Bunnies 50-1 00 ea

Doves 1 25-2 50 ea

Chukars 4 40-4 50 ea

Silkies 4 25-5 30 ea

Total Coops Sold 572.

New England Shell Eggs

Jan. 23, 1991

Prices trended lower on cartoned eggs and loose mediums Trade sentiment was about steady Business was irregular but for the most part reported as typical for the end of the month Supplies were usually in good balance for current trade needs

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN JUMBO 85-.88, EX LARGE 79- 82, LARGE 77- 80, MEDIUM 58- 61, SMALL .37-.40

BOSTON. PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PLR DOZEN.

A EXTRA LARGE 98-1.01, A LARGE .96-.99, A MEDIUM .79-.83.

Hackettstown Poultry & Egg

Hackettstown, N.J.

Tuesday, Jan. 22, 1991

Report Supplied by Auction

HEAVY FOWL: .35-1.15.

BANTAMS: 2.40.

ROASTERS: .55-.75.

ROOSTERS: 1.35-1.70.

DUCKS: .80-1.00.

RABBITS: .50-1.55.

PIGEONS, PER LB. 2.10-2.20

GUINEAS: 1 30-1.70.

WHITE EGGS: EXTRA LARGE & JUMBO .63-.95, LARGE 56-.90.

BROWN EGGS: EXTRA LARGE & JUMBO .76-.97, LARGE .66- 85.

Delmarva Broiler Fryer Market

Jan. 23, 1991

Movement of ready to cook broiler fryers was generally fair and about as expected for mid-week trading. Supplies were adequate to fully adequate. Less than trucklot asking prices were competitive at 44-60 cents. Live supplies were adequate Average live weights were somewhat irregular and ranged light to desirable. Processing schedules were moderate. Trade sentiment was steady to barely steady. In the parts complex, supplies of wings were fully adequate, all other items were adequate for current trade needs

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000) ESTIMATED ACTUAL AVG. WGT ACTUAL AVG. WGT. 1/23 1/21 1/21 1/16 1/14 1,911 684 4.45 2,108 4 52

NEW YORK MULTIPLE DROP BROILER REPORT:

CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA

BRANDED U.S. GRADE A RANGE 44-60 WEIGHTED AVERAGE 53.34 NO OF BOXES 12,532.

New York Eggs

Jan. 23, 1991

Prices trended lower on larger sizes, unchanged on mediums. Trade sentiment was unsettled. Cartoned egg demand tapered off from earlier in the week and was generally reported as fair at best. Large sized eggs were in the longest position with other sizes usually adequate and in some instances a little tight on mediums. The New Jersey inventory was 25% above last Monday's level, and the New York State inventory was 6% below last week.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN:

A EXTRA LARGE 84-.86, A LARGE 81-.84, A MEDIUM 80-.83.

Weekly New York Egg Market Northeast Quotes

From Fri., Jan. 18 to Thurs., Jan. 24

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	95	.95	93	92	90
EX. LARGE	92	92	90	89	87
LARGE	.89	89	87	86	84
MEDIUM	.85	85	85	85	83
PULLETS	70	70	70	70	70
OFF GRADE	77	77	75	74	72
BROWN					
EXTRA LARGE	1 00	1 00	97	95	93
LARGE	96	.96	93	91	89
MEDIUM	86	86	83	81	79
OFF GRADE					
UNDERGRADES AND CHECKS	44	43	42	42	41

BREAKING STOCKS: FRI 48-50 LBS 55 00 57 00, 50 LBS AND UP 57 00-58 00, MON 48 50 LBS 54 00-56 00, 50 LBS AND UP 56 00 57 00, TUES 48-50 LBS 53 00-55 00, 50 LBS AND UP 55 00 56 00, THUR 48 50 LBS 52 00-54 00, 50 LBS AND UP 54 00 55 00

"2852 alfalfa stands up to everything."

"I've been using 2852 for four years," says Clyde Kreider of Millersville, Pa., "and it takes dry weather and wet weather equally well

"In fact, two years ago when we had a great deal of wet weather it stood right through it when other alfalfas were going down."

excellent regrowth In fact, Kreider's field yielded a record 8 8 tons in the 1988 Pa Forage & Grassland Council trials

"2852 will yield with anything out there," offers Kreider "If we had taken a fifth cutting in 1988 it would have topped 10 tons."

Big on Protein

Funk 2852 features good lower leaf stay-green for improved forage quality.

"It's a real good looking alfalfa with leafy, fine stems," adds Kreider. "Tests have been good on haylage, and the protein content is up there, too."

Bigger on Yields

A fast-starting alfalfa, 2852 produces big yields thanks to its

Backed by CIBA-GEIGY

Best of all, 2852 is backed by CIBA-GEIGY research. That's why you can count on it for unmatched yields, outstanding disease resistance and superior forage quality.

Find out for yourself why 2852 can stand up to everything. Talk to your local Hoffman Seed sales representative today!

Hoffman FARM SEEDS

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Landisville, PA 17538

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302 Iona Rd., Lebanon, PA 17042

Phone: 717-272-8943

DISTRIBUTORS FOR:

SILO QUEEN

2390- 2402-2510 -2520

North Coast Seed Corn

NEW 2305 - 2517

ALFALFA

84 VWAP - 78 AT - Wetfoot - Erie

FERTILIZER

BALER TWINE

$19.50 Per Bale

SEED OATS

Hercules, Noble, Ogle, Porter, Heritage

$4.50 Per Bus.

SOYBEANS

STINE SOYBEAN SEEDS

3940 - 3090 E

3970

Since 1984 Beat The Plot Average 75% Of The Time

$14.75 Per Bag

Less 45¢ Prepaid By January 31, 1991

OTHERS

N.C. Shore - Agri 8836

Pellas - Williams - Resnicks

Medium Red Clover

$55.00 Per Bag

TIMOTHY - TORO - CLIMAX TIMOTHY

WHOLESALE & RETAIL

New York and Philadelphia Frozen Egg Report

EDISON
JANUARY 18, 1991

NEW YORK AND PHILADELPHIA FROZEN EGG REPORT: FEDERAL-STATE

Prices were unchanged to lower. Trading activity was slow to moderate but for the most part limited to immediate needs. Raw materials were fully adequate and usually exceeded breaker needs. Floor stocks were generally in good balance to satisfy current buyers needs.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB CONTAINERS)

CLASS TRUCKLOTS LTL (MIN 25 CONT) WHOLE 66-69 MOSTLY 67-68 70-76 BLENDS (/) - MOSTLY - 72-82 WHITES 44-46 MOSTLY 44-45 47-56 YOLKS (MIN. 43% SOLIDS) SUGARED 78-82 MOSTLY 80-81 82-89 SALTED 73-77 MOSTLY 74-76 77-84 (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS

Philadelphia Eggs

Thursday, Jan. 24, 1991
Report Supplied by USDA

MARKET COMMENT. TRADE SENTIMENT WAS CAUTIOUSLY STEADY TO WEAK DEMAND CONTINUED MIXED, MOSTLY FAIR. SUPPLIES WERE ADEQUATE TO LONG ON THE LARGER SIZES, AND GENERALLY ADEQUATE FOR MEDIUMS A EXTRA LARGE .80- 89, A LARGE .78- 87, A MEDIUM .77-.80½ .

National Egg Market

Jan. 23, 1991

The market tone was steady to weak in instances. Demand was mixed but usually reported as slower than last week and for the most part moderate at best Supplies were usually in good balance with needs with large sized eggs often reported as long.

Breakers had sufficient stocks to run full schedules and in instances attempted to divert shell product through other channels.

Greencastle Livestock

Greencastle, Pa.
Monday, Jan. 21, 1991

SLAUGHTER CATTLE RECEIPTS: 512 HD. SLAUGHTER STEERS: 85 HD. TREND: STEADY TO 1.00 LOWER. HIGH CHOICE & PRIME 2-4 79.00-83.00; CHOICE 2-3 950-1075 LBS. 73.00-78.00; CHOICE 2-3 1075-1375 LBS. 74.00-79.50; CHOICE 2-3 OVER 1375 LBS. 72.00-78.00; CHOICE 4, ALL WEIGHTS 70.00-75.50; SELECT AND CHOICE 1-2 950-1100 LBS. 68.00-72.50, SELECT AND CHOICE 1-2 1100-1375 LBS. 67.00-73.00; SELECT AND CHOICE 1-2 OVER 1375 LBS. 66.00-71.50.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 68.00-73.50; SELECT 1-2 1050-1450 LBS. 61.00-67.00.

SLAUGHTER HEIFERS: 59 HEAD. TREND: STEADY TO 1.00 LOWER. CHOICE 2-3 850-1000 LBS. 69.00-75.50; CHOICE 2-3 1000-1250 LBS. 74.50-80.00; CHOICE 4 ALL WEIGHTS 68.00-73.50; SELECT AND CHOICE 1-2 850-1000 LBS. 66.00-71.50; SELECT AND CHOICE 1-2 1000-1250 LBS. 65.00-71.75.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 68.50-71.75; SELECT AND CHOICE 1-2 1000-1350 LBS. 60.00-67.50.

SLAUGHTER BULLS: 30 HEAD. TREND: STEADY. YG#1 ALL WEIGHTS 62.00-70.00; YG#2 ALL WEIGHTS 54.00-61.50.

BULLOCKS: 3 HEAD. CHOICE 1-3 1150-1375 LBS. 67.00-72.50.

COWS: 335 HEAD. TREND: 2.00-2.50 HIGHER. BREAKING UTILITY AND COMMERCIAL 50.00-55.75; CUTTER AND BONING UTILITY 52.00-58.75; CANNER AND LOW CUTTER 50.00 & DOWN.

STOCKER AND FEEDER CATTLE RECEIPTS: 105 HEAD. TREND: STEADY. BEEF TYPES: 200-400 LBS. STEERS 80.00-105.00, BULLS 80.00-100.00, HEIFERS 70.00-84.00; 400-600 LBS. STEERS 75.00-87.50, BULLS 70.00-79.00, HEIFERS 70.00-80.00; 600-800 LB. STEERS 70.00-81.00, BULLS 60.00-72.50, HEIFERS 67.00-77.00; 800-975 LBS. STEERS 67.00-78.00, BULLS 55.00-62.00, HEIFERS 64.00-69.00.

HOLSTEINS & DAIRY CROSS: 200-400 LBS. STEERS 78.00-91.00, BULLS 74.00-89.00, HEIFERS 80.00-107.00; 400-600 LBS. STEERS 70.00-75.00, BULLS 60.00-72.00, HEIFERS 70.00-80.00; 600-800 LBS. STEERS 60.00-69.00, BULLS 55.00-62.00, HEIFERS 60.00-70.00, 800-975 LBS. STEERS 55.00-61.00, BULLS 50.00-57.50, HEIFERS 57.00-63.00.

CALVES: 602 HD. TREND: STEADY 2.00 HIGHER. CHOICE 150-300 LBS. 82.00-102.00; GOOD 150-300 LBS. 75.00-81.00; GOOD 100-150 LBS. 65.00-74.00; GOOD 80-100 LBS. 52.00-59.00; STANDARD 80-100 LBS. 45.00-51.00; STANDARD 80 LBS. & DOWN 44.00 & DOWN. CALVES RETURNING TO FARM: TREND: STEADY. HOLSTEIN BULLS OVER 100 LBS. UP TO 160.00, UNDER 100 LBS. UP TO 152.00; HOLSTEIN HEIFERS, OVER 100 LBS. UP TO 151.00, UNDER 100 LBS. UP TO 110.00; BEEF TYPE BULLS, OVER 90 LBS. UP TO 160.00, BEEF TYPE HEIFERS, OVER 90 LBS. UP TO 150.00.

SHEEP AND LAMBS: 44 HD. TREND: STEADY. CHOICE 80-100 LBS. 45.00-49.00; 100-120 LBS. 44.00-48.50; MEDIUM & GOOD ALL WEIGHTS 35.00-40.00; MEDIUM & GOOD, ALL WEIGHTS 40.00-46.50; CULL LAMBS 35.00-40.00.

SHEEP: EWES LEAN 19.00-25.50; EWES FAT 18.00-21.50; BUCKS 17.50-22.00.

GOATS: 97 HD. SMALL 18.00-34.00; MEDIUM 35.00-58.00; LARGE 59.00-89.00.

HOGS, SOWS & BOARS: 162 HD. HOGS: BARROWS & GILTS. TREND: 1.00 HIGHER. 210-250 LBS. 48.00-49.50; 250-260 LBS. 46.50-48.50; 260-270 LBS. 44.50-46.50; 270-300 LBS. 42.00-44.50.

LIGHT HOGS: 140-180 LBS. 38.00-42.00; 180-210 LBS. 42.00-45.00.

SOWS: TREND: STEADY. GOOD SOWS UNDER 400 LBS. 40.00-45.50, GOOD SOWS OVER 400 LBS. 40.00-45.00; CULL SOWS ALL WEIGHTS 39.00 & DOWN.

BOARS: TREND: STEADY. 180-210 LBS. 37.00-40.00; 210-260 LBS 36.00-39.00; 260-300 LBS. 33.00-35 00, 300 LBS. & OVER 34.00-35.50.

SALE EVERY MONDAY AT 2 00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER CATTLE SALE: FRIDAY, FEB. 1 AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, JAN. 26 AT 1:00 P.M.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, Jan. 22, 1991

SLAUGHTER STEERS: SELECT & LOW CHOICE 71.25-77.75, STANDARD 64.25-69.00.

SLAUGHTER HOLSTEINS: SELECT 67.50-68.50, STANDARD 64.00 & DOWN.

SLAUGHTER HEIFERS: SELECT & CHOICE (LIGHTS) 68.50-76.25.

SLAUGHTER COWS: GOOD DEMAND; MOSTLY STEADY! BREAKUT & COMM 51.25-54.25, CUTTER & BONING UT 48.00-53.00; CANNER & LOW CUTTER 44.00-47.75, BIG MIDDLE 49.00-50.75; SHELLY 43.00 & DOWN.

SLAUGHTER FAT BULLS: YIELD GRADE NO. 2 61.50-61.75.

FEEDER CATTLE: FDR STEERS (ALL WTS) MEDIUM 75.00-80.00, HOLSTEINS 68.00-77.00; FDR BULLS (ALL WTS) MEDIUM 71.00-80.00.

VEAL CALVES: ACTIVE. CHOICE 95.00-118.00, GOOD 75.00-94.00, STANDARD 48.00-70.00, LIGHT/WEAK 47.00 & DOWN.

FARM BULLS: 135.00-159.00, FARM HEIFERS 110.00-132.50.

HOGS: BARROWS & GILTS; $2.00 HIGHER. US NO. 1-3 (210-260 LB) 50.00-51.50, 2&4 (ALL WTS) 49.00-49.50.

SOWS: $1.00 HIGHER; OVER 450 LB 41.50-43.25, UNDER 450 LB 42.00-44.00, 2&4'S (ALL WTS) 40.00-41.00.

BOARS: HEAVY 34.50-36.75.

FEEDER PIGS (BY THE HEAD) 1 LOT 28 LBS. 45.00.

SHEEP: EWES 18.00-29.00.

LAMBS: GOOD (50-70 LB.) 70.00-80.00, GOOD (70-110 LB.) 48.00-58.00, MEDIUM (ALL WT) 40.00-47.00.

GOATS: (BY THE HEAD) LARGE 75.00-90.00, SM./MED. 27.50-60.00.

SALE EVERY TUESDAY EVENING 5:00 P.M. RABBITS, POULTRY & EGGS 7:00 P.M. LIVESTOCK.

HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
Auction will continue all year long
Vintage Sales Stables, Inc.
(Rt. 30, 10 miles east of Lancaster in Paradise, PA)
For Info. 717-442-4181 business 215-458-8518 home
L. Robert Frame, Sr. president
Glenn S. Frame Mgr.

CRIPPLED AND DISABLED COWS, STEERS & BULLS
Slaughter Under USDA Inspection
FREE CALL
1-800-234-COWS (2697)
215-286-9400
Wayne Taylor
Lebanon, Berks, Lancaster & Chester Co.

HORSE SALE
FRI. FEB. 1, 1991
10:00 A.M.
Tack 9:00 A.M.

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

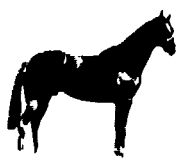
LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE
8:00 A.M.
Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 AM
HORSES MULES



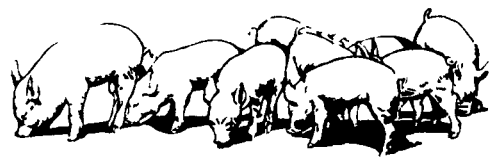
1:30 PM
BEEF SALE
SHEEP CALVES

WEDNESDAY

DAIRY COWS HEIFERS BULLS
11:00 AM
COW SALE 12:00 NOON

We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

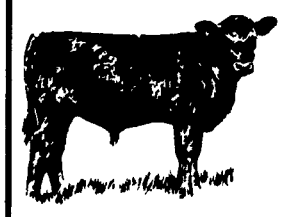
1:30 P.M.
FEEDER PIG SALE



Pigs are accepted after 6:30 A.M. State graded from 8 to 12 Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

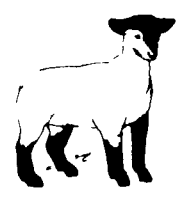
THURSDAY

Beef Auction
10:00 A.M.
BULLS
STEERS
BEEF COWS



STOCKERS & FEEDERS

12:30 P.M.
SHEEP
GOATS
CALVES



NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna.

MANAGERS
Norman & David Kolb - 717-397-5538

Field Representatives
Luke Eberly - 215-267-6608 738-1865
Homer Eberly - 215-267-3047

Sale Barn Officer Manager
Roger Floyd - 717-354-4341

Order Buyer
Paul Good - 215-445-6662

Feeder Pig Representative
Mel Hoover - 717-354-8397

Central U.S. Carlot

Beef Report
Jan. 23, 1991
Report supplied by USDA

COMPARED TO TUESDAY'S 3 P.M REPORT. COW CARCASSES STEADY TO 1 00 HIGHER WITH MOST ADVANCE ON CUTTER. BULL CARCASSES STEADY TO 1.00 LOWER OFFERINGS LIGHT WITH DEMAND LIGHT TO MODERATE.

COW AND BULL CARCASSES
FOB OMAHA BASIS
19 LOADS REPORTED

UT,BRK 2-4, 7 LOADS, RANGE 83 00-84 25, LATEST ESTB. MKT. 83 00-84 25.

UT,BNG 1-3 400 & UP, 7 LOADS, RANGE 87.00-88.00, LATEST ESTB MKT 87.00-88.00.

CUTTER 1-2 350 & UP, 3 LOADS, RANGE 94.00, LATEST ESTB. MKT. 94 00

BULLS 500/UP, YG1, 2 LOADS, RANGE 105.00-106.00, LATEST ESTB. MKT 105.00-106.00.

BONELESS PROCESSING BEEF/ BEEF TRIMMINGS
112 LOADS REPORTED

BONELESS PROCESSING BEEF 90% FOB OMAHA 1.50-2.00 LOWER WITH TEXAS-OKLA 1.00 HIGHER. DEMAND AND OFFERINGS MOSTLY LIGHT. BEEF TRIMMINGS FIRM ON MODERATE DEMAND AND OFFERINGS.

FOB OMAHA BASIS

90% FRESH, 13 LOADS, RANGE 123 5-125.0, WT. AVG. 124.08.
90% FROZEN, UNQUOTED.
85% FRESH, UNQUOTED.
85% FROZEN, UNQUOTED.
75% FRESH, UNQUOTED.
75% FROZEN, UNQUOTED.
65% FRESH, RANGE 83.0, WT. AVG. 84 00 A.
65% FROZEN, UNQUOTED.
50% FRESH, 75 LOADS, RANGE 57 00-58.00, WT. AVG. 57.44.
50% FROZEN, 1 LOAD, RANGE 62 00, WT. AVG. 62 00.
50% BX, UNQUOTED.
BULL 92-94, 1 LOAD, RANGE 148.0, WT. AVG. 148.00.

FOB EAST TEXAS AND OKLAHOMA

90% FRESH, 15 LOADS, RANGE 125 5-126.0, WT. AVG. 125.67.
90% FROZEN, 7 LOADS, RANGE 127 5-128.0, WT. AVG. 127.79
85% FRESH, UNQUOTED.
85% FROZEN, UNQUOTED.
75% FRESH, UNQUOTED.
75% FROZEN, UNQUOTED.
65% FRESH, UNQUOTED.
65% FROZEN, UNQUOTED.
BULL 92-94 UNQUOTED.

CAF NORTHEAST AREAS

90% FRESH, RANGE 128.0-129 0, WT. AVG. 128.43.
90% FROZEN, UNQUOTED
85% FRESH, RANGE 118 5, WT. AVG. 118.50 D
85% FROZEN, UNQUOTED.
75% FRESH, UNQUOTED.
75% FROZEN, UNQUOTED
65% FRESH, UNQUOTED.
65% FROZEN, UNQUOTED.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

US#2 CARCASSS VALUE PER CWT 68 50.

NOTE: VALUE MAY CHANGE WITHOUT ADEQUATE TEST.

Leesport Livestock

Leesport, PA
Jan. 23, 1991

CATTLE 246.. REPORT SUPPLIED BY THE AUCTION. . Supply included 88 fat cattle and 117 head cows .. Compared to last Wednesday's market. Slaughter steers steady, spots 1.00 higher, cows 1 00 to 2 00 higher. Choice sl. steers 78 00-82.75, one 84.00, Select 68 00-78.00, Standard 60.00-65.00; Choice Holsteins 70.00-74.75, Select 65 00-68.00, Standard 58.00-60 00. Choice sl. heifers 75.50-81.00, Select 69 00-72.00, few Standard 58 00-60 00. Breaking Ut. & Commercial sl. cows 51.00-56.75, few to 59.75, Cutter & Boning Utility 45.75-52.50, Canner & low Cutter 44.00-49.50. Few Select and Choice sl. bullocks 66.25-73.75. Yield Grade No. 1, 1100/1665 lbs. sl. bulls 60.00-66.25.

CALVES 174.. Good vealers 75.00-83.00, Standard & Good 90/110 lbs. 43.00-55.00, 65/90 lbs. 35.00-47.00. Farm Calves: No. 1, Holstein Bulls 90/135 lbs. 130.00-150.00, No. 2, 85/130 lbs. 95.00-135.00; No. 1, 95/120 lbs. heifers 100.00-140.00.

HOGS 300...Barrows and gilts: .50 to 1.00 lower. Supply includes 30% sows ... US No. 1-2 220/245 lbs. 49.50-50.25, 1-3 210/265 lbs. 47.25-50.00, 2-3 220/265 lbs. 43.00-48.00. SOWS: US No. 1-3 300/675 lbs. sows 41.00-44.50. Boars 33.00-37.00.

FEEDER PIGS 208...Few US No. 1-3 20/35 lbs. feeder pigs 125.00-150.00, 35/60 lbs. 97.00-115.00 --- all per hundredweight.

SHEEP 27...Choice 70/115 lbs. wool slaughter lambs 48.00-51.00, one 50 lbs. 92.50. Slaughter sheep 18.00-23.00 - all Cwt.

GOATS 11...Medium 42.50-60.00, Small 25.00-37.50 --- all per head.

Oklahoma City Feeder Cattle

Jan. 23, 1991

COMPARED WITH LAST WEEK'S CLOSE: FEEDER STEERS AND STEER CALVES $1.00-$2.00 HIGHER. FEEDER HEIFERS CLOSED STEADY TO $1.00 LOWER. HEIFER CALVES $2 00-$5.00 HIGHER. DEMAND WAS VERY GOOD FROM BOTH FEEDLOT AND STOCKER ACCOUNTS THIS WEEK. INCREASED INTEREST FROM CORNBELT FEEDLOTS HELPED FEEDER CATTLE DEMAND. THIS GENERALLY INDICATES A SHORTAGE OF GREEN FEEDERS IN NORTHERN MARKETS. FEEDLOT WEIGHT YEARLINGS CAME OFF WHEAT IN LESS NUMBERS THAN EXPECTED THIS WEEK, DUE LARGELY TO THE SHARP DECLINE IN PRICE LEVELS LAST WEEK. LIGHT WINDS AND CLEAR WEATHER HAS CORRECTED SOGGY CONDITIONS OF THE PAST SEVERAL WEEKS. THIS ALONG WITH THE THIN AND HARD CONDITION OF MOST CALVES CREATED OUTSTANDING STOCKER DEMAND. SLAUGHTER COWS $1.00-$2.00 HIGHER. SLAUGHTER BULLS STEADY TO $1.00 HIGHER. SLAUGHTER CATTLE TRADE MODERATELY ACTIVE. RECEIPTS THIS WEEK 8,204; LAST WEEK 14,695; LAST YEAR 4,867. RUN 70% YEARLINGS; 25% CALVES; 5% COWS AND BULLS. BULK PRICE RANGES FOLLOW:

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, 300-400 LB $119.00-$129.00; 400-450 LB. $114.50-$118.50; 450-500 LB. $106.75-$114.50; 500-600 LB. THIN $104.25-$109.50, AVERAGE FLESH CONDITION $94.00-$99.75; 600-650 LB. THIN $95.25-$100.00, OTHER 600-700 LB. $90.00-$96.00; 700-750 LB. $89.00- $91.00; 750-800 LB. $86.00-$90.25; 800-850 LB. $85.00-$89.00; 850-900 LB. $84.00-$87.00; 900-960 LB. $81.25-$83.75. HOLSTEINS: LARGE FRAME 2, 275-400 LB. $100.00-$109.00; 450-600 LB. $85.50Z5RD:rZ2j2*b(RS')&K82.50; 700-800 LB. $74.00-$77.75; 800-875 LB. $70.25-$74.50; 900-975 LB. $68.00-$69.50.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 300-425 LB. $102.50-$114.50; 425-500 LB. $95.00-$105.00; 500-600 LB $86.00-$91.00, SEVERAL THIN OR REPLACEMENT QUALITY $91.00-$97.50; 600-700 LB. $84.25-$89.00; 700-775 LB. $84.00-$87.00; 800-850 LB. $80.75-$84.00.

SLAUGHTER COWS: CUTTER, BONING AND BREAKING UTILITY Y.G. 1-4, AVERAGE DRESSING $47.00-$50.00; HIGH DRESSING $49.50-$52.50; LOW DRESSING $43.50-$47.00.

SLAUGHTER BULLS: Y.G. 1, 1200-2200 LB. AVERAGE DRESSING $61.00-$63.50; HIGH DRESSING $63.25-$66.00; LOW DRESSING $54.00-$58 00.

Belknap Livestock

Dayton, PA
Jan. 23, 1991

CATTLE 44 PDA Compared with last weeks market: Couple Select slaughter steers 69 75&71 50 Couple Choice sl heifers 70.00&71.75, couple Select 65.00&66.00, couple Standard 62.75&63.50. Few Breaking Utility and Commercial sl. cows 53 00-54.25, one 56.00, few low yielding 48 00, few Cutter and Boning Utility 47.00-51.25, Canner and low Cutter 38 00-46.00 One Yield Grade No. 1, 1290 lbs. sl. bull 58 75 FEEDER CATTLE: Few Medium Frame No. 1, 305/560 lbs. steers 77.50-78.50.

CALVES 130. .Supply included 80% sold to return to farm Standard and Good 90/120 lbs. vealers 50.00-60.00, 60/85 lbs 40.00-54 00. Farm Calves. No. 1, Holstein Bulls 75/85 lbs. 100 00-127 00, 85/135 lbs 110.00-161.00, No. 2, 90/120 lbs 94 00-120 00; few No. 1, Hol. Heifers 100/110 lbs 100 00-140 00, 80/100 lbs 55.00-80 00. Beef cross 70/115 lbs bulls & heifers 70 00-110, one 150.00.

HOGS 181 . Barrows amd gilts: 1 00 to 1 50 higher. US No. 1-2 235/260 lbs 52 00-52.30, lot 53.50, 1-3 225/260 lbs 50.00-52.00, lot 2-3 290 lbs. 48.75, lot 2-4 245 lbs. 45.50, 1-3 205/225 lbs 45.00-50.00. Sows. Few US No. 1-3 405/610 lbs. sows 42 00-43.25. One Boar 44.00

FEEDER PIGS 47.. Few US No 1-3 15/25 lbs feeder pigs 20.50-26.00, 35/45 lbs. 34.00-48.00, few 2-3 40/50 lbs. 23.00-29 00 - all per head

SHEEP 4. Few Good & Choice 90/95 lbs. wool slaughter steers 47.00-50 50 Slaughter sheep 29 00 - all Cwt.

GOATS 8.. Few Medium & Large 38.00-60.00, couple Small 20 00 - all per head.

Belleville Livestock

Belleville, PA
Jan. 23, 1991

CATTLE 136.. REPORT IS SUPPLIED BY THE AUCTION...Compared with last Wednesday's market: Individual Select sl. steer 75.00, Utility 57.50-68.00. Breaking Utility and Commercial slaughter cows 53.25-58.00, Cutter and Boning Utility 50 50-54.25, Canner and Low Cutter 47 50-51.00, Shells down to 44 25. Yield Grade No. 1, slaughter bulls 58 25-60 50, No 2, 56 00-57 00. Feeder Cattle Steers and Bulls 63 00-74.00

CALVES 98...Standard and Good vealers 40.00-52.00, Utility 30.00-42.00 FARM CALVES: Holstein bulls, No 1, 100 00-154 00, No. 2, 70.00-105 00

HOGS 137...Barrows and gilts: US No 1-2 215/250 lbs. 49.60-50.85, 1-3 200/290 lbs. 48.00-49.50. US No. 1-3 sows 40.00-47 50, 2-3 33 00-35.50 Boars 33.50-35.00.

FEEDER PIGS 104. .US No. 1-3 feeder Pigs 30 00-51.50 --- all per head.

SHEEP 24 ..Good wool slaughter lambs 40.00-68 00. Slaughter sheep 15.00-26 00

GOATS 11...15.00-78 00 --- all per head.

HOLSTEIN DAIRY COWS --- $610 00-1006 00 --- PER HEAD

New Holland Dairy

New Holland Sales Stables
Wednesday, Jan. 23, 1991
Report supplied by auction

40 COWS, 91 HEIFERS AND 3 BULLS MARKET STEADY.

WISCONSIN FRESH PUREBRED AND GRADE COWS 1425 00-1900 00

PA FRESH COWS 875 00-1210 00

LOCAL SPRINGING HEIFERS. 850.00-1085 00

SHORTBRED. 635 00-875 00.

OPEN BREEDING AGE. 550 00-675 00

SMALL OPEN: 250 00-475 00.

VACCINATED HEIFERS BRING A PREMIUM

BULLS. 835 00-900 00.

LOCAL COWS. 750 00-1325.00

Peoria Cattle

Peoria, IL
Jan. 24, 1991

WEEKLY TRADING MODERATE. COMPARED WITH LAST MONDAY SLAUGHTER STEERS AND HEIFERS MOSTLY 1 00 LOWER SLAUGHTER COWS AND BULLS FULLY STEADY. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGTHER STEERS AND HEIFERS WITH ABOUT 14% COWS RECEIPTS THIS WEEK ABOUT 1075 AS COMPARED WITH 1235 A WEEK AGO AND 1131 A YEAR AGO

SLAUGHTER STEERS CHOICE 2-4 1050-1350 LBS 77 50-79 50 MIXED SELECT & CHOICE 2-3 1000-1300 LBS. 74 50-77 50 SELECT 2-3 900-1200 LBS 71 00-74 50 HOLSTEINS. MIXED SELECT & CHOICE 1150-1350 LBS 70 00-74 50

SLAUGHTER HEIFERS. CHOICE 2-4 950-1200 LBS. 77 00-78 50 MIXED SELECT & CHOICE 2-3 900-1100 LBS 73 50-77.00 SELECT 2-3 800-1050 LBS 70 00-73 50

COWS BREAKING UTILITY AND COMMERCIAL 51 00-56 00 CUTTER AND BONING UTILITY 1-3 50 00-54 50 CANNER AND LOW DRESSING CUTTER 1-2 42 50-48 00

BULLS YG 1-2 1250-2150 LBS 57.00-66.00

A. & C. DIFFENBACH AUCTION INC.

1991

100 W. JACKSON ST., BOX 186
NEW HOLLAND, PA 17557

HAY SALE EVERY MONDAY - 10:00 A.M.

HAY SALE EVERY WEDNESDAY - 10:00 A.M.-STARTING 1/30/91

TUES., JAN. 29	9:00 A.M.	STOLTZFUS HARDWARE, ELAM STOLTZFUS, OWNER, NEW TOOLS & EQUIP.
WED., JAN. 30	6:30 P.M.	GUNS & WINROSS TRUCK AUCTION
WED., FEB. 6	6:00 P.M.	WHOLESALE WOOD FURN. & CRAFT ITEMS AUCTION
FRI., FEB. 8	9:00 A.M.	FARM EQUIPMENT AUCTION
SAT., FEB. 16	10:00 A.M.	AMOS F. MILLER FARM SALE, LITTLE BRITIAN, (ON THE PREMISES)
TUES., FEB. 19	9:00 A.M.	REUBEN FISHER & MRS. JONAS KING FARM SALE, NICHOL MINES (ON THE PREMISES)
TUES., MAR. 5	9:00 A.M.	LEVI S. FISHER FARM SALE, STRASBURG (ON THE PREMISES)
FRI., MAR. 8	9:00 A.M.	FARM EQUIPMENT AUCTION
SAT., MAR. 9	9:30 A.M.	EARL M. MARTIN, CHRISTIANA, FARM EQUIP. TRACTORS, MILKING EQUIP. (ON THE PREMISES)
TUES., MAR. 19	9:00 A.M.	QUILT, CRAFT & BUGGY AUCTION - BUGGIES 1 P.M.
WED., MAR. 20	9:00 A.M.	QUILT, CRAFT AUCTION
WED., APR. 3	6:00 P.M.	WHOLESALE WOOD FURN. & CRAFT ITEMS AUCTION
FRI., APR. 12	9:00 A.M.	FARM EQUIPMENT AUCTION
WED., APR. 17	6:30 P.M.	GUNS & WINROSS TRUCK AUCTION
SAT., MAY 4	9:00 A.M.	20 YEAR TRAIN COLLECTION AUCTION-G. MARTIN
FRI., MAY 10	9:00 A.M.	FARM EQUIPMENT AUCTION
TUES., MAY 21	9:00 A.M.	QUILT, CRAFT & BUGGY AUCTION-BUGGIES 1 P.M.
WED., MAY 22	9:00 A.M.	QUILT, CRAFT AUCTION
WED., JUN. 5	6:00 P.M.	WHOLESALE WOOD FURN. & CRAFT ITEMS AUCTION
FRI., JUN. 7	9:00 A.M.	FARM EQUIPMENT AUCTION
WED., JUN. 12	6:30 P.M.	GUNS & WINROSS TRUCK AUCTION
FRI., JUL. 12	9:00 A.M.	FARM EQUIPMENT AUCTION
TUES., JUL. 23	9:00 A.M.	QUILT, CRAFT & BUGGY AUCTION-BUGGIES-1 P.M.
WED., JUL. 24	9:00 A.M.	QUILT, CRAFT AUCTION
FRI., AUG. 2	9:00 A.M.	FARM EQUIPMENT AUCTION
WED., AUG. 7	6:00 P.M.	WHOLESALE WOOD FURN. & CRAFT ITEMS AUCTION
FRI., AUG. 30	9:00 A.M.	FARM EQUIPMENT AUCTION
TUES., SEPT. 17	9:00 A.M.	QUILT, CRAFT & BUGGY AUCTION-BUGGIES 1 P.M.
WED., SEPT. 18	9:00 A.M.	QUILT, CRAFT AUCTION
FRI., SEPT. 27	9:00 A.M.	FARM EQUIPMENT AUCTION
TUES., OCT. 1	6:00 P.M.	WHOLESALE WOOD FURN. & CRAFT ITEMS AUCTION
WED., OCT. 9	6:30 P.M.	GUNS & WINROSS TRUCK AUCTION
TUES., OCT. 15	10:00 A.M.	HARVEST EQUIPMENT AUCTION (NO SMALL ITEMS)
FRI., NOV. 1	9:00 A.M.	FARM EQUIPMENT AUCTION
TUES., NOV. 19	9:00 A.M.	QUILT, CRAFT & BUGGY AUCTION-BUGGIES-1 P.M.
WED., NOV. 20	9:00 A.M.	QUILT, CRAFT AUCTION
WED., DEC. 4	6:00 P.M.	WHOLESALE WOOD FURN. & CRAFT ITEMS AUCTION

PHONE (717) 355-7253-OFFICE (717) 354-3297 HOME
FAX #355-9547

ALAN DIFFENBACH AUCT. • AU2258-L

A & C DIFFENBACH AUCTION INC.

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Phone. (717) 355-7253

ATTENTION!!!

HAY, STRAW & GRAIN BUYERS & SELLERS

WED. AUCTION OF HAY, STRAW & GRAIN BEGINNING
WED., JAN. 30, 1991 — 10:00 A.M.
AT
DIFFENBACH'S N.H. AUCTION CENTER
ORDERS TAKEN BY PHONE.
(717) 355-7253

HAY, STRAW & GRAIN AUCTION EVERY MONDAY AND NOW EVERY WEDNESDAY — 10:00 A.M.

Alan Diffenbach Auct - AU2250-L

THE OLD FARMER'S ALMANAC

JAN. 21-27, 1991

St. Agnes's Day, Jan. 21.

Jan 22, 1901, Queen Victoria of England dies Jan 24, 1848, James W Marshall discovers gold on John Sutter's land in California Jan 24, 1922, Christian K Nelson of Iowa patents his "Eskimo Pie" ice cream bar Jan 27 1880, Thomas Alva Edison receives a patent for the electric incandescent light *The greatest invention of the 19th century was the invention of the method of invention* – A N Whitehead

Ask the Old Farmer: My newly purchased New England home has soapstone sinks in the kitchen Can you tell me how to care for soapstone? P G , N H

To clean soapstone sinks use a mild detergent and water Use a mild abrasive only when necessary Rinse thoroughly

Home Hints Wear cotton gloves under rubber gloves and your hands won t sweat or stick to the rubber

OLD FARMER'S WEATHER FORECAST

New England: A snowstorm begins the week, then changing to clear and cold (This month's average of 25° F is 4° below normal) Intermittent snow for the weekend

Greater New York-New Jersey: Seasonable and sunny to start the week, then very cold with light snow A snowstorm hits at the end of the week, but it s seasonable

Middle Atlantic Coastal: A cold wave begins this week First there s snow, then sunny skies A rainstorm rolls in Friday but changes to snow and colder

Piedmont & Southeast Coastal: This is the week for precipitation Intermittent rain heavy in the east, snow in the west colder Heavy rain and snow end the week

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Four States Livestock

Hagerstown, Md.
Wednesday, Jan. 23, 1991
Report supplied by Auction

SLAUGHTER COWS UTILITY 50 00-55 00, HIGH DRESSING 55 00 57 75, 1 AT 61 75, CANNERS 47 00 51 00, SHELLY 46 00 DOWN

BULLS YG#1 1200-2030 LBS 65 00 67 50

FED STEERS LOW CHOICE 1200 LBSD AT 76 00, SLLECT 67 50 70 25, LOW CHOICE HOLSTEIN X 1400 LBS 64 75 68 25

FED HEIFERS HIGH CHOICE 1000-1200 LBS 74 00 79 25, LOW CHOICE 875-1100 LBS 64 00 70 00

VEAL CALVES CULLS 80-100 LBS 46 00-55 00, 50-80 LBS 36 00 45 00, WEAK AND ROUGH 36 00 DOWN

FARM CALVES, HOLSTEIN BULLS #1 85-125 LBS 130 00-154 00, #2 85-125 LBS 80 00-125 00

HOLSTEIN HEIFERS 100 130 LBS 100 00-135 00, BEEF X BULLS UP TO 160 00, HEIFERS UP TO 127 00

BUTCHER HOGS #1 AND 3 215-260 LBS 48 00-48 50, 260-280 LBS 48 00-51 00, 290-325 LBS 42 00-50 00, 400-475 LBS 43 00 50 00

SOWS: 300-500 LBS 41 00-43 00, 500-700 LBS. 41 00-43 50

BOARS. 400-750 LBS 35 00-36 25

STOCK CATTLE, STEERS· 400 600 LBS 75 00-87 00, 600-700 LBS 68 00-73 00, 900-1050 LBS 64.00-74 00

HOLSTEINS 200-400 LBS 77 00-89 00, 400-600 LBS UP TO 74 00, 800 LBS 55 00-64 00

HEIFERS 300-500 LBS 70 00-82 00, 500-700 LBS MEDIUM 60 00-66 00

BULLS 400-600 LBS 75 00-90 00, 600-800 LBS 59 00-68 00, 800-1050 LBS 54 00 58 00

DAIRY REPLACEMENTS 4 REGIS FRESH AND SPRINGERS 1175 00-1350 00, GRADE SPRINGERS MEDIUM 750 00-900 00, 2 REGIS BULLS 925 00 AND 1000 00, OPEN HEIFERS 600-800 LBS 70 00-80 00, 300-600 LBS 73 00-84 00

LAMBS CHOICE 100-120 LBS 48 50-50 50, 85 LBS UP TO 59 00, 50 LBS UP TO 78.00.

GOATS: LARGE 60 00-75 00, MEDIUM 40 00-60 00, SMALL 20 00-40 00

PIGS AND SHOATS 35-50 LBS 30 00-38 00, 50-70 LBS 45 00-48 00, BY THE POUND, 170-200 LBS 38 50-41 00

STOCK BOARS 180-240 LBS 37 00-41 00, 300 LBS UP TO 37 00

Keister's Middleburg Auction

Middleburg, PA
Jan. 22, 1991

CATTLE 364...REPORT IS SUPPLIED BY THE AUCTION...Compared with last weeks market: High Choice & Prime slaughter steers 78.50-82.75, Choice 75 75-79.50, Select 70.00-75.50, Standard 68.00-70, Choice Holsteins 72.00-76.50, Select 67.00-71.75, Standard 62.00-66.75. Choice sl. heifers 75.00-78.75, Select 70.00-74.75, Standard 65.00-69.75. Breaking Utility & Commercial sl. cows 53 10-57.75, few to 58 75, Cutter & Boning Utility 54.50-57.85, Canner & low Cutter 47.50-53.75, Shells down to 45.00 Choice sl. bullocks 71.50-75.75, Select 64.00-68.75. Yield Grade No. 1, 1200/2495 lbs. sl. bulls 60.00-65.75, No. 2, 800/1200 lbs. 58.00-62.75. Feeder Cattle: 400/1035 lbs. steers 72 00-89 00. Heifers 400/850 lbs. 54.50-74 50. 500/1130 lbs. bulls 57.00-85.00.

CALVES 213...Prime vealers 130.00, Choice 95.00-110.00, Standard and Good 90/110 lbs. 50 00-65 00, Standard & Good 60/90 lbs 40.00-50 00. Farm Calves: Holstein bulls No 1, 90/125 lbs. 100 00-161 00; Hol. Heifers 90/125 lbs. 90 00-145 00.

HOGS 336...US No. 1, 225/250 lbs. barrows and gilts 50 00-50.50, 1-2 220/250 lbs. 49 00-50 00, 2-3 200/260 lbs 48 00-49 00, 2-4 190/280 lbs. 43 00-48.00

US No. 1-3 280/650 lbs. sows 40 00-42 50, 2-3 270/575 lbs. 36 00-40 00 Boars 35 00-36 00

FEEDER PIG 246 US No 1-3 20/40 lbs feeder pigs 32 00-49 00, No 1-3, 40/60 lbs. 46 00-54 00, couple lots 60 lbs 67 00-68 00 --- all per head.

SHEEP 55 Choice 80/110 lbs wool slaughter lambs 52 00-55 00, few 20/30 lbs. 98 00-125 00, Good 40/80 lbs 45 00-65 00 Slaughter ewes 16 00-28 00 - all cwt

GOATS 4. No market test --- all per head

Morrisons Cove Livestock

Martinsburg, Pa.
Jan. 21, 1991
Report supplied by auction

CATTLE 172. HIGH CHOICE AND PRIME 74.50-75.10, CHOICE 73 60-74 35, GOOD 72 50-73 35, STANDARD 69 00-72.10.

HEIFERS. CHOICE 71 00-73.10, GOOD 68.00-70.75.

COWS: UTILITY AND COMMERCIAL 50.90-57.35, CUTTERS 50.50-55.75, CANNER AND LOW CUTTER 38.00-50.25.

BULLOCKS: GOOD AND CHOICE 62.25-64.35.

BULLS: YG#1 56.50-70.10.

FEEDER CATTLE: STEERS 75.00-83.00, BULLS 65.00-72.00, HEIFERS 60.00-77.00.

CALVES: 247. PRIME 97.00-103.50, CHOICE 94.00-96.50, GOOD 85.00-92.00, STANDARD AND GOOD 77.00-83.00, 90-110 LBS. 49.00-55.00, 65-90 LBS. 42.00-48.00, HOLSTEIN BULLS 90-130 LBS. 115.00-150.00, HOLSTEIN HEIFERS 90-130 LBS. 100 00-135.00.

HOGS: 154. US#1-2 49.00-50 00, US#1-3 47.50-48.50.

SOWS. US#1-3 40.50-43.50.

BOARS: 35.00-36.50.

FEEDER PIGS: 21. US#1-3 20-35 LBS. NO MARKET TEST; #1-3 35-50 LBS 25.00-38 00 PER HEAD.

SHEEP: 25. CHOICE 55.00-62.00, GOOD 50.00-59 50, SLAUGHTER EWES 17 00-22.00.

GOATS: 21.00-63 00.

42 LOADS HAY. ALFALFA 100 00-120.00; TIMOTHY ALFALFA 90 00-100.00, GRASS HAY 31 00-70 00, STRAW 59.00-69.00; CORN 77.00, CORN FODDER 14 00 ROUND BALE; WOOD 25.00-38.00, HAYLAGE, ROUND BALES 23 00.

Frederick Livestock Auction

Frederick, Md.
Monday, Jan. 21, 1991
Report Supplied by Auction

SLAUGHTER COWS ACTIVE 1 50 HIGHER UTILITY 50 00-54 00, HIGH DRESSING TO 56.25, CANNERS 46 00-50 00, SHELLY 45 00 DOWN

BULLS YG#2 1100-1500 LBS 53 00-57 00

FED STEERS NO CHOICE, SELECT HEREFORDS 1300 LBS 63 00-69 00

FED HEIFERS 1 CHOICE 1175 LBS 75 00, SELECT 65 00-68 00, UTILITY 57 00-59 00

VEAL CALVES CHOICE 200-300 LBS 93 00-98.00; 300-400 LBS 80 00-88 00, GOOD 75.00-85 00, CULLS 80-120 LBS 45 00-52 00; 50 80 LBS 38 00-45 00, WEAK, ROUGH, THIN 37.00 DOWN.

FARM CALVES, HOLSTEIN BULLS. STEADY PRICES. #1 90-125 LBS. 120.00-151.00; #2 80-100 LBS. 90.00-115.00.

HOLSTEIN HEIFERS: 95-120 LBS. 110 00-130.00; BEEF X BULLS 80-100 LBS. 75.00-130.00.

BUTCHER HOGS: US#1-3 215-260 LBS. 49.50-51.00; 275-300 LBS 46.00-48.00.

SOWS: 500-650 LBS. 43.00-44.50

BOARS: 300 LBS. 35.75.

STOCK CATTLE: LIGHT RUN. FEW 300-500 LBS. TO 86 00.

HEIFERS· 400-600 LBS. 69.00-72 50

BULLS: 500-650 LBS. 72 00-82 00, 650-800 LBS. 66 00-72.00.

LAMBS. CHOICE 75 LBS. 55.00, 130 LBS. 45.00

SHEEP; 2 140 BUCKS 34.00

GOATS· NONE.

PIGS AND SHOATS: BY THE HEAD, 50-60 LBS. 42.00-47.00; BY THE POUND 6 HEAD 89 LBS AT 53.00; 4 HEAD 120 LBS. AT 44.50.

Lebanon Valley Livestock

Fredericksburg, PA

REPORT NOT AVAILABLE FOR JANUARY 22, 1991 - HEADAGES CATTLE 157; CALVES 166; HOGS 121; FEEDER PIGS 0, SHEEP 7.

Isennock Auction

New Park, PA
Monday, Jan. 21, 1991
Report supplied by auction

SLAUGHTER COWS. GOOD 50 75-52 75, LOW TO GOOD 48 75-50 00, LOW AND SHELLS 47 00 AND DOWN

VEAL CALVES 150-175 LBS 72 00-85 00, 120 130 LBS 97 00-106 00, 100 115 LBS 97 00 121 00, 90 95 LBS 90 00-127 00, 75-85 LBS 72 00-100 00, WEAK AND ROUGH 50 00 DOWN

FED STEERS· 200 300 LBS 79 00-82 00

HEIFERS 370-615 LBS 60 00 71 50

BULLS, HOLSTEINS 230-340 LBS 70 50-89 00, 500-740 LBS 71 00-78 00

FED STEERS, HOLSTEINS 1 AT 1840 LBS 57 25, 835-1060 LBS 59 00 62 25, 1 CROSS BREED 1065 LBS 70 00

MARKET HOGS GOOD HOGS 225-250 LBS 46.00-48 50, OTHERS 45 00 AND DOWN.

FEEDER PIGS: 70-95 LB AVG. 33 00-44 00 HEAD

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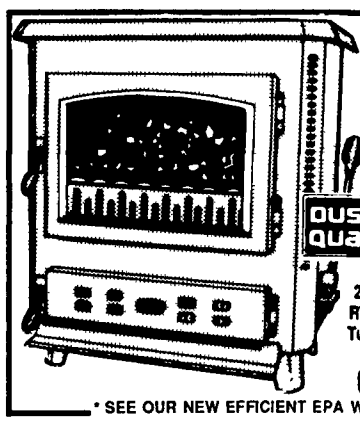

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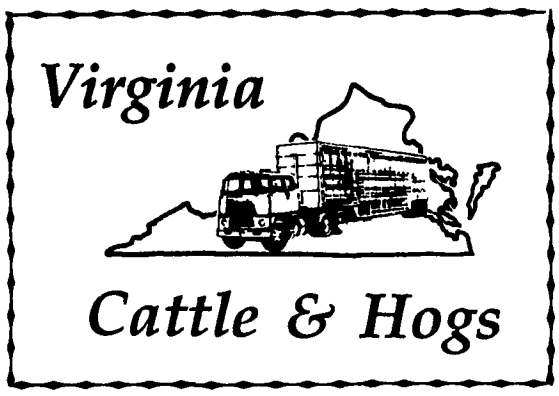

N. Virginia Livestock

Orange, VA
Jan. 23, 1991

SLAUGHTER HOGS 10 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 1-3, 200-250 LB 46 00

SLAUGHTER CATTLE 95 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 85 HEAD COWS CUTTER & BONING UT. 1-3 47 00 - 51.00 BREAKING UT. & COMM. 2-4 43 00 - 47 00 CANNER AND LOW CUTTER 1-2 35.00 - 42.00

SLAUGHTER BULLS 10 HEAD BULLS Y.G. 1-2, 1300-1600 LB. 54.00 - 57 75 Y.G. 1-2, 1600 LBS. & OVER 58.00 - 61 50

LAMBS TOTAL RECEIPTS 22 HEAD - NO TRENDS REPORTED. SLAUGHTER LAMBS 22 HEAD CHOICE AND PRIME, 95-125 LB. SHORN 51 50

FEEDER CATTLE 180 HEAD - NO TRENDS REPORTED. STEERS MEDIUM 1 300-400 88.00- 94 00 400-500 87 00- 92 00 500-600 83 00- 91.00 600-700 80 00- 83 00

HEIFERS MEDIUM 1 300-400 78 00- 84.00 400-500 77.00- 81.00 500-600 76.00- 81.00 BULLS MEDIUM 1 300-400 83.00- 88 00 400-500 82 00- 86 00 500-600 77 00- 81 00 600-700 71 00- 75 00

Central & S.E. Virginia Livestock

Smithfield (Blackstone) - Southside VA
Jan. 23, 1991

SLAUGHTER HOGS 125 HEAD - SLAUGHTER SOWS 75 CENT TO $1 00 HIGHER. BOARS $1.00 LOWER. SOWS US 1-3, 300-500 LB 41 10 - 41 40 US 1-3, 500 LBS. & OVER 42 10 - 42.40 BOARS 300-600 LB 35 00 - 37 00

SLAUGHTER CATTLE 107 HEAD - SLAUGHTER COWS AND SLAUGHTER BULLS STEADY.

SLAUGHTER COWS 98 HEAD COWS CUTTER & BONING UT. 1-3 46.00 - 52.75 BREAKING UT. & COMM. 2-4 45.25 - 50.00 CANNER AND LOW CUTTER 1-2 40.00 - 44.50

SLAUGHTER BULLS 7 HEAD BULLS Y.G. 1-2, 900-1300 LB. 54.00 - 56.00 Y.G. 1-2, 1300-1600 LB. 58.50 Y.G. 1-2, 1600 LBS. & OVER 53.00 - 60.50

SLAUGHTER CALVES & VEALERS 2 HEAD VEALERS GOOD AND CHOICE, 200-350 LB. 87.50 - 91.00

FEEDER CATTLE 280 HEAD - FEEDER STEERS, HEIFERS AND FEEDER BULLS STEADY. STEERS MEDIUM 1 SMALL 1 MED & LARGE 2 300-400 96.00-104 00 87.50 86.00- 97.00 400-500 86 00-100.50 79 00- 85.50 86 50- 92 00 500-600 86.00- 97.00 - - 600-700 93.00 78 50- 85 50 - 700-800 - 78.75- 83 00 -

HEIFERS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 300-400 92 00 - - 79.50- 90 50 400-500 85 00- 90.50 82.00- 88 00 71.50- 77.00 76 00- 85.00 500-600 85.00 - - 73.50- 81.50 600-700 82.50 - 69.00- 79.00 - 700-800 76 00- 79.00 - - - BULLS MEDIUM 1 LARGE 1 SMALL 1 MED & LARGE 2 200-300 93.00-116.00 - - - 300-400 96 50 98 50-108.00 74 00- 87.00 - 400-500 80 50- 89.00 87.00- 90.00 79.00- 84.50 79.50- 87.50 500-600 - 79.00- 90 00 - - 600-700 81.50 71.50- 77.50 - - BABY CALVES RETURNED TO FARMS 20 HEAD NEWBORN TO 4 WK OLD $30 00-65.00 1 AT $115.00 PER HEAD. OVER 100 LBS $107.50-127.50 PER CWT

S.W. Virginia Livestock

Wytheville, VA
Jan. 22, 1991

SLAUGHTER HOGS 18 HEAD - FEW LOT RETURNED TO FOR HOME SLAUGHTER. BARROWS AND GILTS US 1-3, 200-250 LB. 42.00-47.00 US 2-4, 250-300 LB. 42.00-50.00 BOARS 300-600 LB. 32.50

SLAUGHTER CATTLE 70 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 66 HEAD COWS CUTTER & BONING UT. 1-3 46.00 - 52.00 BREAKING UT. & COMM. 2-4 47 00 - 53.25 CANNER AND LOW CUTTER 1-2 40.00 - 44 00

SLAUGHTER BULLS 4 HEAD BULLS Y.G. 1-2, 900-1300 LB. 42.00 Y G. 1-2, 1300-1600 LB. 55 00 Y G. 1-2, 1600 LBS. & OVER 65.00

LAMBS TOTAL RECEIPTS 88 HEAD - NO TRENDS REPORTED. SLAUGHTER LAMBS 21 HEAD WOOLED CHOICE AND PRIME, 95-125 LB 45 00 FEEDER LAMBS 21 HEAD FEEDER LAMBS CHOICE AND FANCY, 70-85 LB. 56 00 CHOICE AND FANCY, 60-70 LB. 57.00 EWES & RAMS 46 HEAD EWES ALL GRADES 20 00-21 00 RAMS ALL GRADES 20 00-23 00 4 GOATS $19.00-54 00 PER HEAD

FEEDER CATTLE 74 HEAD - NO TRENDS REPORTED. STEERS; MED &LARGE 2 300-400 89 00-90.00 400-500 84 00-85.00 500-600 81 00-83 00 700-800 80.00-81.00 HOLSTEIN STEERS; MED.&LARGE 1-2 300-500 LBS 78.00-83.00, 500-700 LBS 76 00

HEIFERS, MED.&LARGE 2 300-400 82.00-84.00 400-500 77.00-78.00 FEEDER BULLS; MED. 1 MED.&LARGE 2 300-400 LBS 89.00-90.00 --- 400-500 LBS --- 79.00-80 00 500-600 LBS 80 00-83.00 --- COWS RETURNED TO FARMS 6 HEAD; M-2, 6-10 YR OLD 900-1050 LBS $525.00-685.00 PER HEAD. COWS WITH CALVES AT SIDE 10 PAIR; M-2, 5-10 YR OLD 900-1100 LBS WITH CALVES 90-275 LBS $610 00-905 00 PER PAIR. BABY CALVES RETURNED TO FARMS 30 HEAD NEWBORN TO 4 WK OLD $30 00-135 00 MOSTLY $65 00-90 00 PER HEAD

Valley Livestock

Athens, Pa.
Wednesday, Jan. 23, 1991
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 140 00

VEAL CALVES TO 90 00

VEALER BULL CALVES TO 160 00

SLAUGHTER CALVES 65 00 AND DOWN

GRASSERS & FEEDERS 45 00-70 00

LAMBS 45.00-55 00

SHEEP 14 00-24 00

HOGS 200-250 LBS 44 00-47 00

SOWS 38.00-42 00

BOARS 30 00-34 00

PIGS EACH 25 00-46 00

HEIFERS 52 00-58 00

FEEDER STEERS 55 00-75 00

BULLS 50 00-59.75

COWS GOOD 51.00-55 00

COWS MEDIUM 47 00-50 00.

COWS POOR OR SMALL 42.00 AND DOWN.

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New Holland Sales Stables
New Holland, PA
Friday, Jan. 18, 1991
Report Supplied by Auction

303 HEAD.

TENNESSEE WORK HORSES, PAIRS 1850.00-2800.00, SINGLES 950 00-2250.00 AND SINGLES 1150.00-1350 00; OTHER PAIRS 1750.00-2350 00, SINGLES 810 00-950.00 AND SINGLES 775.00-950.00

TENNESSEE MULES, PAIRS 1850 00-3100 00, SINGLES 950 00-1900 00. ALSO MULES, PAIRS 3000 00-3950 00, 2300 00-3500 00, SINGLES 1050.00-2500 00 AND PAIRS 1750 00-2100 00 AND SINLGES 775 00-1050 00

ILLINOIS WORK HORSES, PAIRS 1750 00-2450 00, SINGLES 675 00-1075

VIRGINIA WORK HORSE, PAIRS 1825.00-2400.00, SINGLES 925.00-1325 00.

KENTUCKY MULES, SINGLES 1000 00-1650 00

DRIVING AS FOLLOWS: PA 750.00-1900.00 AND 950.00-1600 00, KENTUCKY 925.00-1550.00 AND 700.00-2050.00 AND OHIO 950 00-1250.00

LOCAL DRIVING 610 00-1300 00, WORK, PAIRS 1650 00-2050 00, SINGLES 760 00-1175 00

MULES, SINGLES 750 00-850 00, PAIRS 1750.00-3200 00.

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Jan. 21, 1991

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STOCK HEIFERS 55 00-78 00

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HOLSTEIN STEERS HEAVY 62 00 68 50, LIGHT 57 00-63 00

SLAUGHTER HEIFERS GOOD TO CHOICE 75 00-78 00, MEDIUM TO GOOD 64 00-73 50

BULLS HEAVY 60 00-67 75, LIGHT 50 00-62 00

COWS FEW HIGH DRESSING 55 00-58 00, UTILITY HOLSTEIN 47 00-54 50, CANNERS 42 50-49 50, COMMERCIAL TO GOOD 44 00-51 00, CULL COWS 42 00 AND DOWN

VEALS GOOD TO CHOICE 75 00-103 00, MEDIUM TO GOOD 65 00-73 00

BOB CALVES 50 00 AND DOWN

HOLSTEIN BULL CALVES, RETURN TO FARM (100-120 LBS) 110 00-150 00

HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS) 85 00-145.00

HOGS TOP QUALITY 47 75-51 25, HEAVY 48 50-50 50, LIGHT 42 00-45 50

SOWS 41 00-46.50

MALE HOGS 35 00-41 00

BUTCHER LAMBS 40 00-47 50

SHEEP 10 00-18 00

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Page D-4

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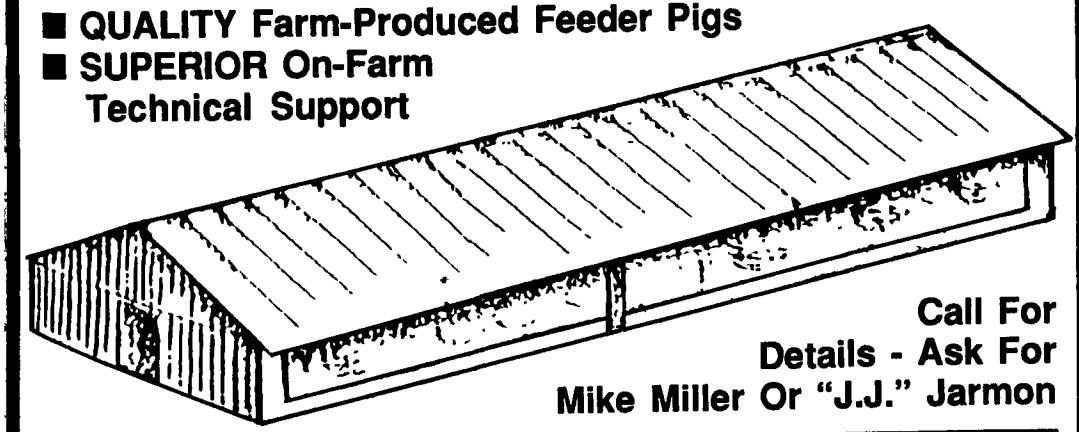

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Lancaster Farming

OPINION

Dairy Industry Suicide

Dairy farmers need a word of caution. The Federal Drug Adminstration has a new program that involves monitoring drug residues at the milk plant. And if they find contamination, they will come back to the individual farm samples taken from the bulk tank and ask to see the dairymen's treatment records.

John Adams, National Milk Producers Federation, gave dairymen a warning last week at the Penn-Jersey Dairy Expo. This warning should be given serious consideration. Adams said to contaminate milk with drug residues is a federal offense with stiff punishment.

Milk from cows that have received drugs in medical treatment must be withheld from sale according to directions on the label. In addition, where withholding periods are not listed, individual tests for the specific drug used in treatment must show no contamination before the milk is sold. FDA's testing equipment is so sensitive that one cow's milk can be detected even when mixed with a thousand other cows' milk.

Not only must the dairy farmers protect themselves from potential liability, they must not cause their handler to lose large quanities that result in a financial loss for all the shippers. And if the news media is reporting contamination in the milk, just like alar, it doesn't matter at what level the residue exists. If the public perceives a problem, it is a problem.

In the new NMPF quality assurance program, some of the check list items covered by the new federal laws include:

1. Use FDA approved products.
2. Develop a veterinarian/client relationship.
3. Have drugs properly labeled by a veterinarian and follow the label exactly.
4. Store drugs for lactating animals away from other drugs.
5. Identify treated animals properly.
6. Keep permanent records of treatment.
7. Test for residues on each treated animal before allowing milk or meat to be sent to market.

Everyone in the dairy industry must help to make sure our milk supply is free from all traces of drug residues. To do otherwise is to commit dairy industry suicide.

Farm Calendar

Saturday, January 26

Lehigh Co. 4-H livestock awards dinner, Schnecksville Fire Co., Schnecksville, 6 p.m.

Beaver-Lawrence annual meeting, Perry Township Fire Hall, Elwood City, 11 a.m.

Huntingdon Co. annual Holstein meeting, Warriors Mark Fire Hall, 7:30 p.m.

Forest Landowners' Workshop, American Legion Hall, Cresson, 9 a.m.-3 p.m.

Sunday, January 27

Monday, January 28

York Co. Fruit Tree Training and Pruning Workshop, Penn State Fruit Research Lab, Arendtsville Farm, 1:30 p.m.-3:30 p.m.

Beef Cattle Producer meeting, Wayne Co. Extension, Honesdale, 8 p.m.

Tuesday, January 29

Clarion Co. Farm Records Course, Clarion Co. Park, 10 a.m.-3 p.m.

1991 Pa. Vegetable Conference and State Horticulture Association meeting, Hershey Convention Center, Hershey, thru Jan. 31.

Lycoming Dairy Day, Community Room, Lycoming Mall, 10 a.m.-3 p.m.

Lehigh Valley Crops Day, UGI Auditorium, Bethlehem.

Lancaster Co. Heifer Nutrition and Management School, Farm and Home Center, Lancaster, 9:30 a.m.

Elk Co. bee management, extension office.

Beaver/Butler/Lawrence counties Reproductive Management School, Pleasant Hill Grange, 9:30 a.m.-3 p.m.

Basic Farm Records Workshop, Washington, 10 a.m.-3 p.m.; repeats Jan. 31.

Clarion Co. Farm Records Course, Clarion Co. Park, 10 a.m.-3 p.m.

(Turn to Page A28)

Lancaster Farming
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A Steinman Enterprise
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Everett R Newswanger Managing Editor

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NOW IS THE TIME

By Jay Irwin
Lancaster County
Agricultural Agent

To Protect Your Lungs

Whether in a coal mine or on the farm ... dust can destroy lungs. Farmers who are exposed to dust over long periods of time risk the disabling disease called "farmer's lung". As the dust accumulates in the lungs the tissue hardens. This can lead to a variety of respiratory ailments including bronchitis and asthma. If the condition is not diagnosed soon enough, irreversible lung damage may occur.

Preventing farmer's lung doesn't necessarily require any elaborate or expensive equipment ... a simple mask when dust can't be avoided ... for example when handling dry bedding, sweeping dusty walls or walks or grinding and mixing feed.

Keeping the overall level of dust down is also helpful. Therefore as soon as feed sacks or chemical containers are emptied they should be discarded in the proper manner. Regular housecleaning of work areas is another good idea. Contact your local Lung Association for more information on how to protect your lungs.

To Treat Sore Feet

Cows, like people, can be affected by sore feet. When their feet are sore, cows are less apt to walk to the feed bunk, to the watering trough, or to distant pastures, according to Glenn Shirk, Extension Dairy Agent. Consequently, feed intake drops and milk production and conception rates suffer.

We are seeing an increase in foot problems related to a viral growth that appears at the rear of the hoof between the claws. Usually, the growth is characterized by rough hair-like projections.

The condition is contagious, and usually spreads to other cows in the herd. Copper sulfate footbaths are not effective against the virus. The only effective footbaths appear to be a 5% formalin solution. For best results, increase the initial strength to 10% for a few days. Then reduce it to 5%, otherwise the hooves may become too hard, and the problem is apt to be aggravated.

To Transfer Silage

Some farmers use temporary silos to store the extra silage for their dairy and feeder cattle. Our Agronomy Specialists tell us that any silage to be moved from a temporary storage to an upright storage should be done in cold weather. When moved in warm weather (over 40° F.) there will be more chances of heating and molding. Make the transfer in cold weather and do it as rapidly as possible. No additives or preservatives should be needed in this process.

By transferring to the upright silo, you can utilize the mechanical feeding equipment in your upright silo.

To Correct Drainage Problems

The late winter and early spring provides a good chance to observe the water drainage problems around many homes and farmsteads. If surface water drains into farm buildings or into homes, then something should be done about it soon. Surface water should be directed away from buildings by way of terraces or diversion ditches.

Water should not be permitted to flow down against buildings from upgrade. This will weaken the structure and wash soil away from the foundation. Water that seeps into a building from underground is a different problem and more difficult to control.

However, the surface water can be directed around and away from farm buildings. Also, the area around wells should be protected from surface water contamination. Water from feedlots and barnyards should not be allowed to flow directly into streams; pastures or holding areas will reduce the possibility of pollution.

The Cooperative Extension Service is an affirmative action, equal opportunity educational institution.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

IS FEAR A SIN?

January 27, 1991

Background Scripture:
Luke 19:11-17.
Devotional Reading:
Luke 12:42-48.

The Parable of the Pounds makes me wonder if Jesus might be a charter member of Tough Love (an organization that assists parents in dealing with delinquent and troublesome youth). For, if the nobleman in this parable is identified as Jesus, then the picture we get is one that is considerably harsher than the "gentle Jesus, meek and mild" that is the popular image.

Of course, we have to remember that a parable generally has but one point to make and one must never push the symbolism too far. I hardly think the portrait of the "nobleman" in this parable is intended to be an accurate and comprehensive representation of Jesus Christ. If we were to take these details seriously — and that is never the purpose of a parable — it would be the only place in the gospels where Jesus would be represented as putting to death his enemies and would clash sharply with the man who prayed on the cross, "Father, forgive them, for they know not what they do."

WHEN HE RETURNED

Having said that, I would not want to diminish the severity with which the "nobleman" reacted to the third of his servants. In the story he gave each of ten servants a pound each (a unit of money). When he returned he asked each of the servants to give an accounting of what they had done with his money. The first servant reported a profit of ten pounds and the second reported a profit of five. Each of these servants was commended and rewarded accordingly for their stewardship.

The third servant, however, gives back his pound to the master, explaining his failure to gain profit by saying, "Lord, here is your pound which I kept laid away in a napkin; for I was afraid of you, because you are a severe man" (19:20,21). Lots of us can identify with this servant because we too might have been afraid to take the risk of losing what we were given. So, we can imagine the master's disappointment or even anger, but we find it hard to understand why he should have responded with a condemnation of this poor man: "I will condemn you out of your own mouth, you wicked servant!" (19:22).

WHOM DO YOU FEAR?

You and I might plead this man's case to the master: Lord, this man had good intentions; he didn't mean to displease you; in fact, he probably thought he was doing the right thing so that he could stay out of trouble with you. He isn't evil, he was just frightened. Surely it is no sin to be afraid!

Yet that's what the parable seems to be saying to us. When God has something for us to do or become, being afraid can be outright contemptuous of him. It is as if we are saying to him that we are more impressed with the power of the world to thwart us, than the power of God to help us accomplish his task. We have looked at the situation and we fear the world more than we respect him. It is saying also that our fear is more powerful than his love.

Inasmuch as sin is defined as "missing the mark," I would say that there are times when, in the face of what God expects from us, timidity, hesitation and outright fear are an offense in God's sight. And then, yes, our fear is a sin.

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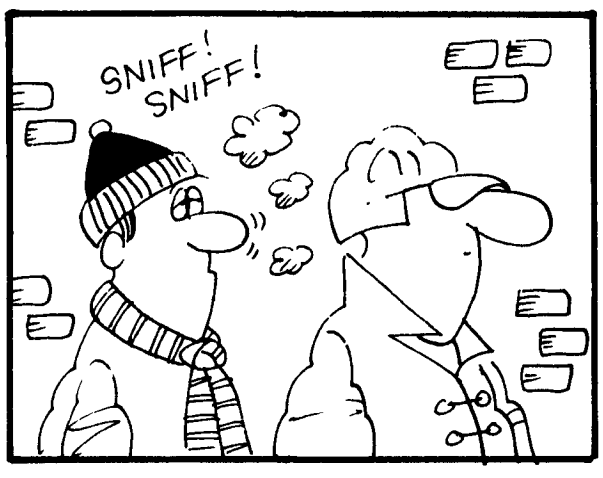

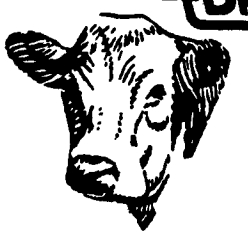

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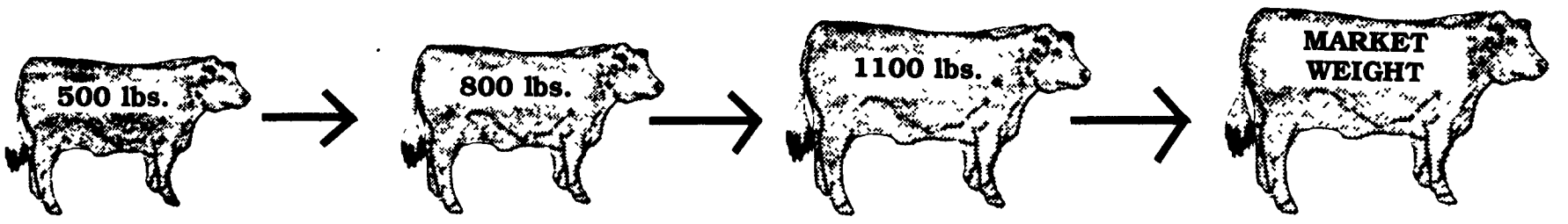

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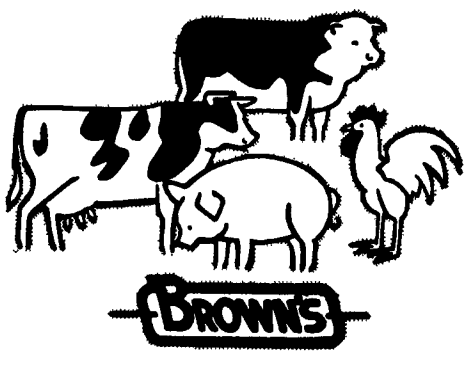

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Shenandoah Valley Livestock

Harrisonburg, Va.
Jan. 19, 1991
Report supplied by auction

STEERS: M&L-1 300-500 LBS. 90 00-97 00, 500-700 LBS. 82 00-96.00, 700-1000 LBS. 74 00-82.50, HOLSTEIN 300-700 LBS. 72 00-79 00.

S-L&M&L-2 300-500 LBS. 78.00-89.00; 500-700 LBS 75 00-84.00, 700-1000 LBS 68 00.

FEEDER BULLS 300-500 LBS. 87.00-89 00, 500-700 LBS. 73 00-82 00

HEIFERS· 300-500 LBS. 76.00-82.50, 500-700 LBS. 74.00-80 00.

S-L&M&L-2 300-500 LBS 70 00-76 00, 500-700 LBS. 68 00.

STOCK COWS: BEEF 560.00-750.00; BABY CALVES 30.00-135 00 PER HEAD, BY WEIGHT .71-1.40

SLAUGHTER COWS: UTILITY AND COMMERCIAL 2-4 45.00-51 00; CANNERS AND CUTTERS 1-3 40 00-45 00

SLAUGHTER BULLS· 1&2 57 00-60 00

LAMBS BLUE O CHOICE AND PRIME 49 75; RED O CHOICE 50 10, FEEDER LAMBS 5" 25, SLAUGHER EWES 15 00-26 50

HOGS US1-3 200-240 LBS 48 00
SOWS 1-3 40 00-41 50

New Wilmington Livestock

NOT AVAILABLE

Eighty-Four Livestock

NOT AVAILABLE

Diffenbach Auction Center

New Holland, PA
Hay Sale Every Wed. 10 a.m. Beginning 1/30/91
Monday, Jan. 21, 1991
Report Supplied by Auction

TOTAL LOADS: 186.
ALFALFA: 61.00-160.00.
MIXED HAY: 64.00-125.00
TIMOTHY: 65.00-130.00.
CLOVER: 55.00-110.00.
STRAW: 60.00-120.00.
EAR CORN: 78.00-82.00.
OATS: 1.75-2.85 BU.

This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Monday.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Jan 21, 1991
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 241 HEAD OF HORSES, MULES AND PONIES MARKET STEADY

DRIVING HORSES 475 00-985 00
RIDING HORSES. 400 00-750 00
REGISTERED HORSES· 850 00-1125 00.
LIGHTWEIGHT KILLERS· 425 00-475 00
HEAVYWEIGHT KILLERS 525 00-795 00
THIN HORSES 100 00-380 00
MARE PONIES 45 00-175 00
COLTS 40 00-95 00
GELDINGS 45 00-175 00
LARGER PONIES 225 00-300 00

New Holland Feeder Pigs

Jan. 23, 1991

TODAY	688
LAST WEDNESDAY	1101
LAST YEAR	537

TREND: Compared to last Wednesday 30-40 lb feeder pigs 5.00-10.00 lower; 40-70 lb steady, instances 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 27 35-39 120.00-124.00. 20 43 120.00, 172 40-49 106.00-114.00. 83 50-59 100.00-104.00. 29 60 90.00. 33 74-76 82.00-84.00.

US 2 63 30-39 102.00-110.00. 89 40-49 105.00-106.00. 25 53-57 90.00-100.00. 11 96 69.00.

SLAUGHTER 22 20-27 130 00-142.00.

Virginia Weekly

Jan. 24, 1991

MARKETS IN REVIEW; JAN. 17-23, 1991. FEEDER STEERS AND HEIFERS IN VIRGINIA WERE MOSTLY STEADY TO $2.50 HIGHER AS MIDWEST PRICES WERE $1.75-3 50 HIGHER.

SLAUGHTER CATTLE PRICES IN VIRGINIA FOLLOWED MIDWEST PRICES AND REMAINED MOSTLY STEADY.

COWS AND BULLS IN VIRGINIA WERE STEADY TO $6.25 LOWER AS MIDWEST PRICES WERE STEADY TO 50 CENT HIGHER. BEEF PRODUCTION WAS LESS THAN 1% BELOW A WEEK AGO BUT 10% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 9 POUNDS HEAVIER THAN A YEAR AGO

LAMB PRICES IN VIRGINIA WERE $1 25-2 00 LOWER AS MIDWEST PRICES WERE STEADY TO $3 00 HIGHER. LAMB PRODUCTION WAS 2% BELOW A WEEK AGO BUT 4% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 2 POUNDS LIGHTER THAN A YEAR AGO.

SLAUGHTER HOG PRICES IN VIRGINIA WERE 50 CENT TO $1.00 HIGHER AS MIDWEST PRICES WERE $2.25-3.00 HIGHER. FRESH PORK PRICES WERE $2.00-7.50 HIGHER. HOG PRODUCTION WAS 6% BELOW A WEEK AGO BUT 6% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 4 POUNDS HEAVIER THAN A YEAR AGO.

THE VIRGINIA DIRECT HOG MARKET JAN. 17-23, 1991 . RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA FOR THE PERIOD TOTALED 3,427 HEAD COMPARED TO LAST WEEK 4,013 HEAD. THE SOUTHEAST VIRGINIA HOG MARKET CLOSED 50 CENT TO $1.00 HIGHER COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS: COUNTRY POINTS LOCAL PLANT DELIVERED (30 MILE RADIUS) US 1-3 220-240 LBS 48 00-48.50 50.00-51.00 US 3-4 220-240 LBS 48.00-49 00 US 1-3 200-220 LBS 44.00-47.00 US 2-4 250-270 LBS 44.00-47.00 US 3-4 270-300 LBS 41.00-42.00 SOWS $32.00-41.75 AND BOARS $27.00-34.00 VALLEY AND NORTHERN VIRGINIA HOGS, 840 HEAD FOR THE PERIOD US 1-3 210-250 LBS $48 00-50 00

SLAUGHTER STEERS AND HEIFERS 0%; SLAUGHTER COWS 20% SLAUGHTER BULLS 2%, SLAUGHTER CALVES AND VEALERS 0%, FEEDER CATTLE UNDER 600 LBS 64%, OVER 600 LBS 14%

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS

SLAUGHTER CATTLE STEERS, NO QUOTES THIS WEEK HEIFERS, NO QUOTES THIS WEEK SLAUGHTER COWS UTILITY & COMMERCIAL COWS 43 00-56.00 SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 50 00-60 00 1-2 1300-1600 LBS 51 50-64 00 1-2 1600 LBS & OVER 53.00-66.50 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 100-250 LBS --- GOOD AND CHOICE 100-250 LBS 87.50-91.00 CALVES - GOOD AND CHOICE 250-500 LBS 75.00-82.00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS WOOL 45.00-50.00; SHORN 51.50 SLAUGHTER HOGS US 1-3 200-250 LBS 42.00-48.00 SOWS US 1-3 300-500 LBS 35.00-41.50 500 LBS & OVER 41.00-44.00

FEEDER CATTLE STEERS, MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS 95.00-112 00 300-400 LBS 83.00-96.00 300-400 88.00-105 00 400-500 82.00-94.00 400-500 88.00-105.50 500-600 78 00-88.50 500-600 83.00-97.00 600-700 73.00-82.50 600-700 79.00-87.00 700-800 76.00-79.00 700-800 77.00-84 00 800-900 65.00-69.00 800-900 74 00-77.75.

Phila. Vegetables

Jan. 23, 1991

CLEAR 16-21.

ARTICHOKES NO SALES REPORTED.

ASPARAGUS LOWER MEXICO 15-lb ctn & crt incl bchd 12s exlge, lge & std 30.00 sml 28 00 15-lb ctn bchd 22-24s Tips 30 00 12-lb ctn bchd 12s lge 30 00

BEANS LOWER FL various bu containers Round Green type fair cond 12 00-15 00 handpicked 18 00 few 20 00 MEXICO 5-kilo ctn Round Green type few 8 00-10 00

BEETS NO SALES REPORTED

BROCCOLI LOWER CA ctn bchd 14s 6 00-7 00 mos 6 50 few 7.50 few hgr 18s 7 50 one label 9 50-10 00 AZ ctn bchd 14s 8 00.

BRUSSEL SPROUTS MEXICO 25 lb ctn 12 00

CABBAGE ABOUT STEADY 1-3/4 bu ctn & crt med green unless otherwise stated FL 6 50-8.00 few 8.50 TX 6 50 18s

(Turn to Page A14)

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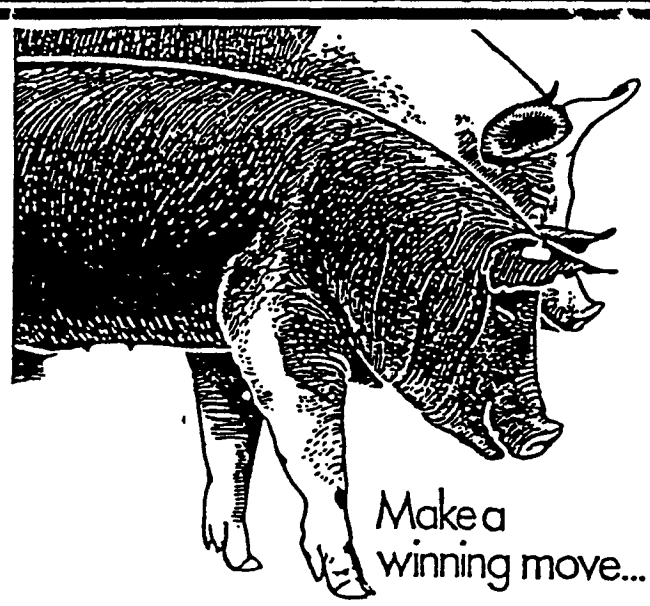
MIDDLE ATLANTIC MILK MARKETING ASSOCIATION, INC

Estimated Daily Livestock Slaughter

Under Federal Inspection
Jan. 23, 1991

	CATTLE	CALVES	HOGS	SHEEP
WED., 1/23/91 (EST)	124,000	8,000	325,000	23,000
WEEK AGO (EST)	126,000	7,000	321,000	24,000
YEAR AGO (ACT)	122,000	8,000	332,000	23,000
WEEK TO DATE (EST)	360,000	22,000	921,000	66,000
SAME PD LT WK (EST)	376,000	21,000	951,000	70,000
SAME PD LT YR (ACT)	358,000	23,000	977,000	65,000



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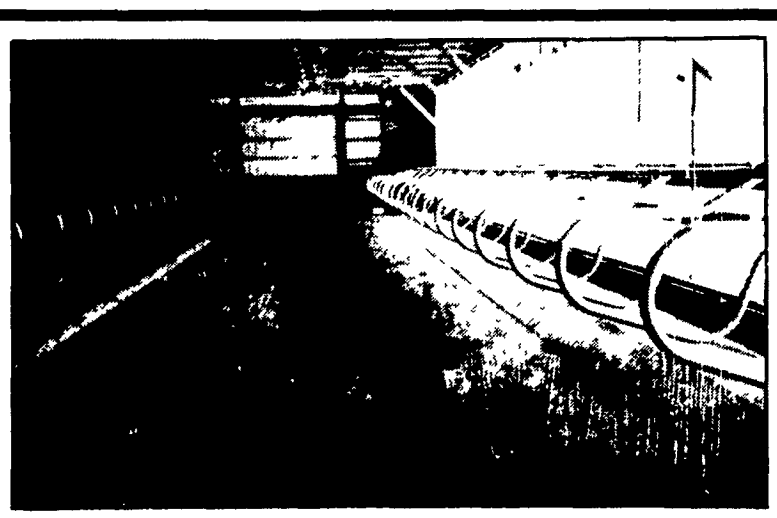
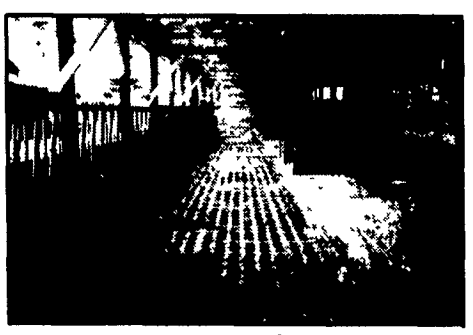
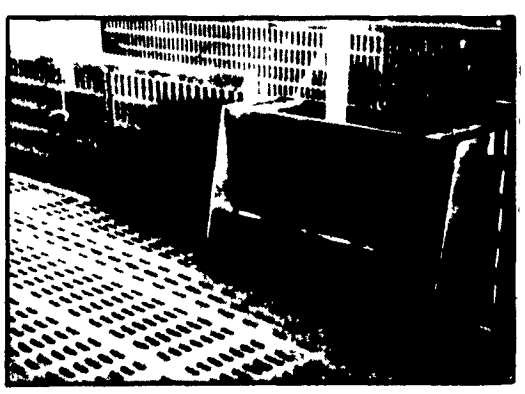


"Waffle Cattle Slats"

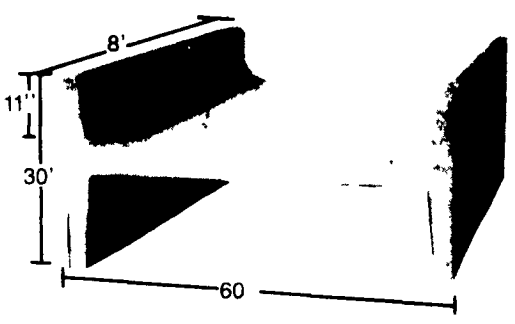


Waffle Heifer Slats

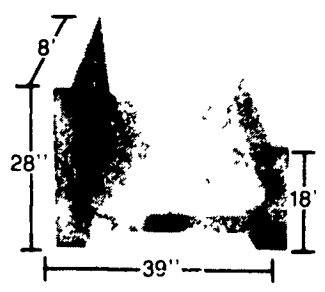
The concrete slat with Your Animals Comfort In Mind



Waffle Hog Slats
Concrete Hog Penning



H-Bunks



J-Bunks

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Formerly Syri-Con Precast Corp.

Phila. Fruit Market

Jan. 23, 1991

CLEAR 16-21.

GRAPEFRUIT STEADY FL 4/5 buctn Red 23s 12.00-13.50 27s 12 00-14 00 mos 13 00-13.50 fair cond 6 00 32-36s 12 00-12.50 occ 11.50 40s 10 00-12 00 48s 10 00-11.00 mos 10.00-10.50 fair qual 23-27s 11.50 32-36s 10 50 40s 9.50 48s 8 50 White 23s 9.00 27-36s 9.50-10 00 mos 10 00 36s 9 50-10.00 fair appear 7 00 48s 8 00- 9.00 Indian River Red 23-27s 14 00-14.50 mos 14 50 32s 13 50 36s 12 50- 13.00 40s 11 50-12 50 48s 10 50-11.00 fair qual 32-36s 9 00 40s 8 50-9 00 48s 8.50 56s 7.50.

LEMONS STEADY CA ctn 95s 22 00 115s 22 00 one label 30 00 140s 20 00 one label 26 00 165s 21.00-22 00 200s 18 00 fair qual 115-165s 20 00 200s 18 00-18 50 AZ ctn 140s 20 00-24.00 165s 19 00-21.00 fair qual 95s 20 00 115s 22.00 140s 19.00-19.50 165s 19.00.

LIMES STEADY 10-lb ctn Persian Seedless type FL fair appear 48-63s 7.00 MEXICO 48s 6 50-7.50 fair appear 5 00-6.00 54s 6.50-7.50 63s 6.50.

MISCELLANEOUS CITRUS SPAIN 10-kilo crt Clementine 140s 21.00.

ORANGES STEADY CA ctn Navel 56s 32 00 72s 30.00 88s 26.00-28.00 113s 20 00-22 00 some 17 00 138s 18 00 163s 14 00 fair qual 40-88s 18 50 113s 16 00-16 50 138s 12 00 FL 4/5 buctn Navels 48-56s 14 00-15.00 64s 14 00-14 50 80s 12.50- 13 00 100s 11 00 Pineapple 64s 11 00-13 50 mos 11 00 80s 11 00-13 50 mos 11.00 fair cond 7 00-8 00 100s 10 00-12 50 fair cond 7 00-8 00 125s 11.00- 11 50 Hamlin fair cond 80s 8 00-9 00 100s 5 00-7.00.

TANGELOS STEADY FL 4/5 buctn Orlando 56s 12 50 64s 12.50 ord cond 5.00-6.00 80s 11 50-12.00 100s fair cond 5 00-6.00 125s 10.00 Minneola 36s few 13 50 40s few 13.50 fair cond 9.50 48s 13 50-14 00 fair cond 9 50 54s 13.50 64s 13 50-14 00 80s 12.00-14.00 100s 11 00-12 00 few 13 50

TANGERINES STEADY FL 4/5 buctn & crt Honey type 80s 23.00 fair cond 16 00-18.00 100s fair cond 16 00-18.00 120s 20.00 fair cond 13.00-14 00 150s fair cond 10.00 176s 15.00 fair cond 10 00 Robinson 120s 25 00 180s 22 00 210s 18 00 Sunburst 120s 26.00 150s 24 00

TEMPLES STEADY FL 4/5 bucrt & ctn 64s 15 00 fair cond 9 50 66s fair cond 8 00-9 00 ord cond 3 00-5 00 80s 15 00 fair cond 9 50-10 00 100s 9.00-10 00 ord cond 3 00-5 00 120s fair cond 8 00 125s 9 50.

APPLES STEADY ctn tray pack WA Red Delicious USExFcy 80s 16 00 88s 16 00-18 00 100s 16 00-17 00 113-138s 16 00 WAFcy 72-125s 15 00 Golden Delicious USExFcy 80-88s 18 00 fair cond 10 00 100s 17 00 fair cond 10 00 Granny Smith USExFcy 80s 19 00 88s 19 00-22 00 100s 18 00-20 00 113s 17 00 Red Rome WAExfcy 56s 17 00-18 00 Winesap WAExFcy 64s 17.00-18 00 CA Granny Smith USExFcy 80-88s 12 00 113s 10.00 ID Red Delicious IDExFcy 80-88s 20.00 100s 18 50 113s 17.50 125s 16 50 USExFcy 100s 17.00 ctn cell pack NY US#1 McIntosh 80s 11.00 100s 10.00 120s 9.00 ctn 12-3 lb film bags PA 2-1/4" & up USFcy Red Delicious & Red Stayman 8.50 CONTROLLED ATMOSPHERE STORAGE WA Red Delicious WAEXFcy 64s one label 26.00 72s 20.00-21.00 one label 26.00 80s 24.00 88s 21.00-24.00 mos 24.00 100s 20.00-22.00 113s 21.00 138s 14 00 USExFcy 88-100s 18 50 Golden Delicious WAExFcy 80s 23.00 88s 22.00-23.00 100s 21.00 113s 17.50 USExFcy 88s 18 00-18.50 100s 17 00-17.50 WAFcy 64s 20 00-21.00.

APPLE-PEARS OFFERINGS INSUF TO QUOTE.

APRICOTS CHILE 2-lyr lug Katy 102s poor cond 3.00

AVOCADOS ABOUT STEADY CA 1-lyr Bacon 20s 11.00 2-lyr ctn Hass 40s 38.00 48s 33.00-36.00 60s 30 00.

BANANAS Imports ctn approximately 40-lb 14 50 fair qual 12.00 film wrpd 14.50 Institutional pack Petite 150s 11.25.

BLACKBERRIES GUATEMALA flats 12-1/2 pt film wprd cups via air 16.00

BLUEBERRIES CHILE flats 12-6 oz. film wrpd cups via air med 27 00.

CHERRIES NO SUPPLIES.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

CRANBERRIES NO OFFERINGS.

GRAPES-TABLE STEADY CA 23-lb lug Emperor 12 00 20-lb lug wrpd Emperor fair cond 11.00 film bags Red Seedless fair cond 8.00-10.00 CHILE 18-lb lug wrpd Thompson Seed- less 17.00-18.00 mos 18 00 fair cond 8 00-10.00 lge 20.00 sml 14.00-16 00 Perlette fair cond 11 00-12.00 Flame Seedless 19.00-21.00 mos 20.00-21.00 sml 17 00-18.00 Beauty Seedless fair cond 13.00 Black Seedless 18.00-19 00 film bags Flame Seedless 19.00-20 00.

KIWIFRUIT OFFERINGS LIGHT CA flat ctn 36-39s 7-7.50.

MANGOS TOO FEW SALES TO QUOTE.

NECTARINES CHILE 2-lyr lug Red Diamond 60s 16.00 Summer Grand 68s 13.00 Sun Grand 40-48s 18.00 50-52s 15.00 few 18.00 68s 13.00 Firebrite 66s 13.50 May Grand 48s 15.00 60s 12.00-13 00.

PAPAYAS TOO FEW SALES TO QUOTE.

PEACHES CHILE 2-lyr lug Flamecrest 50s 14.00 60s 12.00-13.00 Spring Crest 70s fair cond 5.00-6.00 Red Top 40-50s 16.00 60s 14.00 Flavor Crest 48s 15.00.

PEARS STEADY WA 4/5 buctn wrpd US#1 D'Anjou 80s 23 00 fair cond 15.00 90s 21.00-23.00 mos 23.00 100s 21.00-22.00 mos 22.00 110s 20.00-21.00 mos 20 00 120s 18.50-19.00 135s 18.50 150s 17.00 Bartlett 165s ord cond 6 00-8.00 Red Bartlett ord cond 135s 6.00-10.00 OR 4/5 buctn wrpd Bosc US#1 110s fair cond 15.00-18.00 CONTROLLED ATMOSPHERE STORAGE OR 4/5 buctn wrpd Bosc US#1 80-90s 30 00 100s 28 00 110s 26 00 120s 25.00 135s 20 00.

PERSIMMONS OFFERINGS INSUF TO QUOTE.

PINEAPPLES HAWAII ctn via air 6s 11.75-12.00 COSTA RICA 2-lry ctn 8-14s 13 00.

PLUMS STEADY CHILE 2-lyr lug & ctn Black Amber 60s few 18 00 72-78s 12 00-14 00 some hias 15.00 80-88s 11.00-12.00 some hias 16.00 90-96s 9.00-10.00 some hias 13.00 100s 13.00 Santa Rosa 78s 16.00.

POMEGRANATES NO OFFERINGS.

RASPBERRIES LOWER CHILE flats 12-1/2 pt film wrpd cups via air Red 20.00.

STRAWBERRIES LOWER flats 12-1 pt bkt FL mos med fair cond 12.00 CA med 27.00 MEXICO via air med-lge 25 00 lge with stems 33.00.

CANTALOUPS OFFERINGS INSUFFICIENT TO QUOTE

HONEYDEWS HIGHER 2/3 ctn ECUADOR 5-6s 12.00 8s 11.00 9s 9.50 EL SALVADOR 5-6s 12.50 8s 11.50.

MISC MELONS OFFERINGS INSUFFICIENT TO QUOTE

WATERMELONS TOO FEW SALES TO QUOTE.

Phila. Potato & Onion

Jan. 23, 1991

CLEAR 16-21.

ONIONS-DRY YELLOW JUMBO LOWER, OTHERS ABOUT STEADY 50-lb sacks US#1 or generally good qual and cond Yellow unless otherwise stated ID-OR Spanish Hybrid jumbo 900-11.00 fair cond loas 700 White jumbo 40.00 25-lb sks Red jbo 700-800 mos 800 med 500 UT Spanish hybrid type jumbo 10.50-11.00 NV Spanish hybrid type White jumbo 42.00-44 00 NY Globe type lge 850-900 mos 850 medium 550-650 mos 600 few 700 24-2 lb mesh sks 8 00 few 7.50 25-lb sks Red med-lge 500-700 med 400-600 MI Globe type med 6-650 25-lb sks Red lge 650.

POTATOES STEADY 50-lb sacks US#1 size A washed or brushed unless other- wise stated ROUND WHITES new crop NYLI 550-575 lge 650-700 few loas 575 baled paper sks 5-10 lb 650-675 10-5 lb 750 ME 5-550 mos 500 lge 625-650 baled paper sks 10-5 lb 750 PA fair appear 400 NJ fair appear 4-450 CANADA CD#1 Prince Edward Isle 500-600 mos 5-550 lge 6-650 mos 650 New Brunswick 500 lge 600 ROUND REDS MN/ND 850-900 mos 900 sz B 11 00-12 50 RUSSETS 50-lb ctn count ID 70-80s 12.00-13.00 90s 11.00-12.00 100s 10 00-11.00 few 950 10 oz min US#2 10 00-10 50 100-lb sks 10 oz min US#2 13 50 baled 10-5- lb film bags non sz A 10.00-11.00 WI Norkotah 70-80s 9-950 90s 8-850 100s 7-750 120s 700 CANADA CD#1 New Brunswick Norkotah 70-80s 900 90s 800 100s 700

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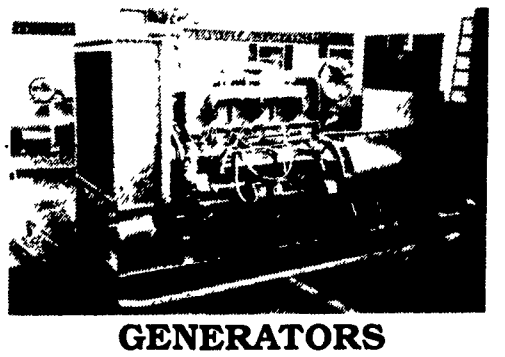

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(Continued from Page A12)

7-7 50 NY Red 8.00-10 00 50-lb sks lge Green 3 00-4.00 mos 3 50 Red 8.00-10.00.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 12.00-15.00 few higher fair cond 9.00-11.00 FL med-lge 10.50-12.00 mos 11.00 CANADA med-lge 11.00 24-2 lb film bags in film sacks CA med-lge 12.00 50-lb sacks loose jumbo CA 14.00 via rail 10 00-12 00 FL 9.00-10 00 some loas 8.00 CANADA 8 00-9 00 few high as 10 00 25-lb sks loose jumbos CA 6.00 miniature type FL ctn 20-12 oz film bags 7 00.

CAULIFLOWER ABOUT STEADY CA ctn film wrpd 9s 6.50-7 00 fair cond 3 00-6 00 12s 6 50-7 00 mos 7.00 some 7 50 few 8.00 some incl fair cond 6.00.

CELERY CA HIGHER, OTHERS LOWER CA ctn wide range in qual 1-1/2 doz 14.00 2 doz 13 00-15 00 2-1/2 doz 15 00-16 00 fair cond 11.00-12.00 3 doz 11 00-12 00 fair cond 9.00-10.00 4 doz fair cond 8-8.50 FL ctn 2-2-1/2 doz 10 00 TX ctn 1-1/2 dz 9.00-11 00 2 doz 11 00-12.00 2-1/2 doz 11.00.

CHINESE CABBAGE ABOUT STEADY VA celery crt 7.00-8 00.

CORN YELLOW LOWER, WHITE STEADY wirebound crt approx 4-1/2 doz FL Yellow 11.50-12.00 White 14.00 few 15.00

CUCUMBERS ABOUT STEADY 1-1/9 buctns & crts waxed medium unless otherwise stated FL fair qual 12 00 MEXICO fair qual 16.00 ord qual 13 00-14 00

DAIKON NO SALES REPORTED.

EGGPLANT ABOUT STEADY FL 1-1/9 buctn med 6.00-7 00 mos 6.00 fair qual & cond 3.00 MEXICO ctn 18s 6 00 poor cond 1.00.

ENDIVE OFFERINGS LIGHT CA ctn 24s 12 00-13 00.

ESCAROLE OFFERINGS LIGHT CA ctn 24s 12 00-13 00.

GARLIC CA 30-lb ctn Late Keeping Colossal 1.20 Super Jbo 1 10.

GREENS GA SLIGHTLY LOWER, OTHERS ABOUT STEADY crt & ctn approximately 1-1/2 bu bchd unless otherwise stated GA Col- lards, Mustard & Turnip Tops 5 50-6.00 mos 6.00 Kale 6.00 AZ & MEXICO 20-lb ctn Broccoli Rabe 10.00-11.00 lse one label 11.00-12.00.

LEEKS NO SALES REPORTED.

LETTUCE ICEBERG HIGHER ctn 24s unless otherwise stated CA 10.00-12.00 film wrpd 12.00 ord cond 4.00 few higher AZ 10.50-12.00 mos 11.00-12.00 some high as 13.00 film wrpd 12 00 ROMAINE LOWER CA 24s ctn 10 00-11.00 mos 10.00 few 12.00 crt 14.00 AZ ctn 24s 8.00-10.00 poor cond 5.00-6.00 BIG BOSTON CA ctn 24s 10.00 BIBB OFFERINGS INSUFFICIENT TO QUOTE LEAF CA ctn 24s incl Red 9.00-10.00 AZ ctn 24s 7.00-9.00 Red 7 00-8 00.

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4-4.50 10-lb ctn med 9-9.75 mos 9.25 lge 11.00- 11.50 mos 11.25-11.50 packages 10-12 oz 9-9.50 3-lb ctn Shiitake 17.00-18.00 fair qual 10.00-12.00.

OKRA OFFERINGS INSUFFICIENT TO QUOTE.

ONIONS-GREEN ABOUT STEADY MEXICO ctn bchd 48s 7.00-8.00 few higher.

PARSLEY LOWER bchd 5 doz Curly unless otherwise stated TX crt 13.00 Plain few 12 00.

PEAS-GREEN HIGHER 10-lb ctn per lb GUATEMALA Sugar type 1.00-1.20 fair cond 50- 80 MEXICO Sugar type .80-1.00

PEAS-SOUTHERN NO OFFERINGS.

PEPPERS LOWER 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL wide range in qual & appear jbo 12.00 exlge 10.00-11.00 mos 11.00 few 12.00 one lot 9.00 fair cond 5.00 lge 8.00-10.00 fair qual 6.00-7.00 fair cond 3.00 med 7.00-8.00 Cubanelle med-lge 8.00 Longhot 8.00.

RADISHES FL HIGHER, MEXICO STEADY FL ctn Red 30-6 oz film bags 6.00-8.00 14-1 lb film bags 6.00-8.25 MEXICO ctn Red bchd 24s 7.00-8 00

RHUBARB NO OFFERINGS.

RUTABAGAS NO SALES REPORTED CANADA 50-lb ctn CD#1 waxed med 7.00.

SPINACH HIGHER CA Flat type ctn bchd 24s 12.00 MEXICO flat type ctn bchd 24s 11.00-12.00.

(Turn to Page A15)

MESSICK'S OPEN HOUSE

JANUARY 28 - FEBRUARY 2

See Section D Pages 11-17

MESSICK FARM EQUIPMENT, INC.

Farm Equipment Is Our Business

RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA.

Trade In

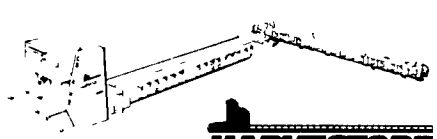
We want your old unloader.

We want your old unloader To get it, we ll give you an outstanding deal on a brand new Goliath " II unloader, with power and features to handle feed fast

- Wide Side " Bar Olympic Cutter Chain
- Stainless Steel Bushings
- Heavy Duty Olympic Hooks
- Rugged Center Hub Stronger Outer Sprocket

Call us your authorized independent Harvestore " Systems dealer and upgrade your feedroom automation

Trade Up



HARVESTORE SYSTEMS

Harvestore and Goliath are registered trademarks and Wide Side is a trademark of A O Smith Harvestore Products Inc

ENDLESS MOUNTAINS HARVESTORE® SYSTEMS, INC.

"Your local, independent, authorized Harvestore Systems Dealer"

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Lewisburg, PA 17837
(717) 523-6600

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(Across From Sinbad's Restaurant)
Wysox, PA 18854
(717) 265-2200

"Endless Mountains Harvestore is the only authorized independent dealer for A.O. Smith Harvestore Products, Inc. in the following counties in the state of Pennsylvania: Bradford, Clinton, Columbia, Lackawanna, Luzerne, Lycoming, Montour, Northumberland, Pike, Potter, Snyder, Sullivan, Susquehanna, Tioga, Union, Wayne and Wyoming."

HARVESTORE SYSTEMS

Harvestore is a registered trademark of A O Smith Harvestore Products, Inc

EVERGREEN JD TRACTOR CO., INC. JD

ANNOUNCING THE AVAILABILITY OF USED PARTS FOR THE FOLLOWING MACHINES:

- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:
JD 2040 Diesel.....$6,950
JD 4040 Power Shift, Sound Guard, 2300 Hrs., Sharp.....$26,600
JD 4240 PS, Sound Guard.....$24,900
Bobcat 643 Diesel Skid Steer Loader.....$8,750
JD 2440 w/145 Loader w/Hi-Lo, Nice.....$10,900

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head.....$3,650
(2) JD 443 Corn Heads.....ea. $4,650
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 6600 Diesel Side Hill Hydro Combine, Auto Header Heights, 28L Tires, Nice.....$21,750
JD 653 6 Row 30" Bean Head.....$4,450
JD 300 Corn Picker w/2 Row Wide Head.....$6,500
JD 4420 Combine, Loaded, Nice
JD 13' Quick Tach Rigid Grain Head.....$1,850
JD 300 Corn Husker.....SOLD.....$4,500
JD 213 Rigid Grain Head w/Pickup Reel.....$3,650
NI 2 Row Wide w/12 Roll Bed.....$3,650
JD 4425 Combine, Nice
JD 444 4 Row Wide Corn Head.....$3,650

HAY & FORAGE EQUIPMENT:
JD 1 Row, Row Crop Attachment, Nice.....$550
JD 5½ ' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
JD 24T Baler w/Ejector.....$1,450
NH 1010 Bale Wagon.....$4,350
NH 268 Baler w/Ejector
JD 1209 Mower Conditioner.....$3,650
JD 24T Baler w/#30 Ejector.....$2,850
NH #499 12' Hydraulic Haybine.....$7,350
JD 336 Baler w/#30 Ejector.....$5,850
JD #30 Hydraulic Bale Ejector.....$1,500
JD 660 Rake w/Front Wheel.....$1,975

PLANTERS & GRAIN DRILLS:
JD 8300 21x7 DD Drill.....$4,200
JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice.....$8,750
JD 7200 4 Row Planter, Sharp.....$9,500
(2) ea. JD 8000 18x7 Drills w/Tandem Hitch, DD w/Grass.....Both For $7,950
JD 24B 2 Row Planter Unit.....$750
JD Model B 14x7 Double Disc Drill.....$1,450

DISCS AND FIELD CULTIVATORS
JD 12' TWA Plowing Disc.....$3,250
Kewanee 12' Rock Flex Disc.....$2,450
Kewanee 800 Rock Flex Plowing Disc 12'.....$2,950
Brady 18' Folding Field Cultivator.....$2,150
JD 12' Field Cultivator w/Harrow.....$1,450
JD 210 14' Black Gang Disc.....$3,850
JD #220 18' Center Fold Disc.....$4,150
IH 475 20' Hydraulic Wing Disc.....$4,350
JD 230 27' Wing Fold Disc w/New Blades.....$7,850
JD BWF 12' Disc.....$1,850
IH 18' Vibra Shank w/Buster Bar.....$1,950

Coming In...
Artsway 475 Grinder-Mixer
JD F125 3-16" Plow
IH 464 Utility Tractor
JD 10' Pull Type Chisel
JD 2700 6B Auto Reset Plow
JD Model B 14x7 DD Grain Drill
JD 8300 18x7 DD Grain Drill
JD 48 Loader For Row Crop Tractor

New Store Hours
PARTS- Mon. Thru Fri. 7:30 A.M. To 4:30 P.M.
Sat. 8:00 A.M. To Noon
SERVICE- Mon. Thru Fri. 8:00 A.M. To 4:30 P.M.

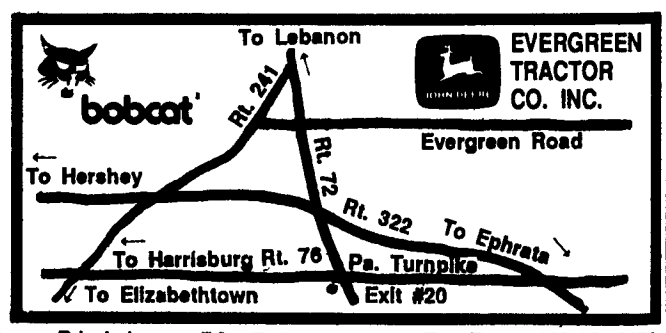
PLOWS-MOLDBOARD AND CHISEL:
JD 7B 2500 Plow.....$3,950
JD F350 5-16" Hyd. Reset Plow.....$2,350
JD 1450 6-16" Semi-Mtd. Plow.....$2,250
JD 4-16" F325 Auto Reset Plow.....$1,250
JD 2500 7x18" On-Land Plow.....$5,400
JD 1B Roll-Over Plow.....$1,250
IH 7 Tooth 3 Pt. Chisel.....$1,275
IH 9 Tooth Pull Type Chisel.....$1,850
JD 1450 4x16 Semi-Mtd. Plow.....$2,250
JD 2700 6B Auto Reset On-Land Plow.....$7,450
JD 10 Tooth Pull Type Chisel.....$1,850
JD 2500 4x18" Auto Reset Plow.....$3,950
JD 2600 5x18" Auto Reset Plow.....$6,450
JD 3200 6x18" Pull Type Auto Reset Plow.....$3,950
JD 1600 17 Tooth Hydraulic Fold Chisel w/Walking Tandem.....$4,350
JD 2500 5x18" Auto Reset Plow.....$3,950
(New) JD 12' Chisel w/Walking Tandem.....$3,450
White 588 5-20" On Land Plow.....$4,850

CULTIPACKERS
Brillion 10' w/Big Shaft.....$950
Brillion 3' Section 28' Packer.....$2,450
Brillion 12' Packer, Big Shaft.....$1,150
JD 10' Packer.....$1,050
(1) Set Each Brillion 12' Packers w/Transport.....each $1,250
Brillion 12' w/Big Shaft.....$1,250
Brillion 14' Transport Packer.....$1,850
Brillion 12' Packer w/Transport.....$1,850
1 Set Brillion 4' Packer Pups.....$650

ROW CROP CULTIVATORS & ROTARY HOES
JD 4 Row Front Mount Cultivator For 3020.....$1,550
JD RM 4 Row Cultivator.....$1,275
JD RM 6 Row Cultivator.....$1,650
JD RM 4 Row Narrow Cultivator.....$1,275
JD 20' Rotary Hoe, Like New.....$2,350
Brillion 3 pt. Deep Till.....$3,500

MISCELLANEOUS:
Bobcat 909 backhoe.....$5,750
NH 352 Grinder-Mixer.....$2,450
JD 37 Loader, All Hydraulics For Utility.....$1,850
Donahure Implement Trailer.....$1,850
JD 45 Loader for 2 Cylinder Tractor.....$750
Transcraft 42' Drop Deck Trailer, Air Ride, Nice.....$8,500
Ag Teck Pre-Seed.....$3,250
400 Bu. Gravity Wagon SOLD Auger.....$2,500
200 Bu. Gravity Wagon.....$1,250
Bobcat 907 Backhoe.....$4,750
Fruehauf 20' Steel Dump Trailer, Single Axle, For Grain.....$1,850
NI #362 Spreader.....$2,450

ROLLER HARROWS AND CULTIMULCHERS
JD F950 15' Roller Harrow, Nice.....$3,650
IH #315 12' Roller Harrow.....$2,850
Brillion 15' Cultimulcher.....$3,250
Brillion 15' Roller Harrow.....$3,850
Kewanee 20' Flat Fold Roller Harrow.....$5,950



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

(Continued from Page A14)

SQUASH ZUCCHINI LOWER, YELLOW STRAIGHTNECK OFFERINGS INSUF TO QUOTE FL 1/2 buctns Zucchini med 13 00-14.00 MEXICO 26-28 lb lug Zucchini sml-med 18 00-20.00 few high as 22.00.

SWEET POTATOES LOWER NC 40 lb ctn US#1 Jewel type cured med 6 00-7 00 mos 6 50 fair qual 3.00- 4 00 lge 4 00

TOMATOES ABOUT STEADY 25-lb ctn Pink to Light Red 85% or more US#1 unless otherwise stated FL 5x6s 9-9.50 mos 9 00 few 10.00-11.00 6x6s 7-7.50 mos 7 50 6x7s 7 00 fair qual 5x6s 8-8 50 6x6s 6 00 ord cond 2.00 Vineripe 5x6s 8.00 MEXICO 2-lyr ctn 5x5s fair cond 3.00 REPACKED LOCALLY FL 5x6s 12.00 6x6s 10 00 6x7s 9.00 PLUM TYPE MEXICO 10 00 CHERRY TYPE flats 12-1 pint trays FL Plum type 8.00 MEXICO 8.50-9.00 poor cond 1.00.

TURNIPS Topped NO SALES REPORTED.

VEGETABLES-OTHER ITLAY 1-lyr ctn Radicchio 12s 12.00.

WATERCRESS NO SALES REPORTED.

Jersey Shore Livestock Market, Inc.

Auction every Thursday at 4:00 p.m.
Jersey Shore, Pa.
Report supplied by Auction
Thursday, Jan. 24, 1991

RETURN TO FARM CALF 1.20-1.75.
GOOD VEAL 70 00-119.00.
COMMON VEAL 30.00-69.00.
CHOICE STEERS 74.00-78.00.
SELECT STEERS 68.00-73.00.
COMMON STEERS 58.00-67.00.
COMMERCIAL COWS 48.00-60 00.
CANNERS-CUTTERS 45.00-56 00.
SHELLS 38.00-44.00.
CHOICE HEIFERS 74.00-77.00.
SELECT HEIFERS 65.00-73.00.
COMMON HEIFERS 55.00-64.00.
GOOD FEEDERS 68 00-80.00.
COMMON FEEDERS 42 00-59.00.
BULLS 58.00-64.50.
GOOD HOGS 48.00-48.75.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Jan. 22, 1991
Report supplied by auction

CALVES .13-1.40.
COWS .29-65.
EASY COWS .10-.51¼.
HEIFERS .50-.70.
BULLS .41-.64¼.
STEERS .60¼-.72.
SOWS .32¼.
SHEEP .10-.50.
LAMBS EACH 10.00-67.00.
LAMBS PER LB. .30-.85.
GOATS EACH 7.00-113.00.
KIDS EACH 8.00-56.00.
HIDES EACH 4.00-17.00.
TOTAL 1164.

Good's Hay

Leola, Pa.
Wed., Jan. 23, 1991
Report Supplied by Auction

129 LOADS.
ALFALFA. 83.00-163.00.
MIXED HAY: 66.00-142.00.
TIMOTHY: 78.00-125.00.
STRAW: 50.00-90.00.
CORN: 77.00-80.00.
GRASS: 49.00-110.00.
OATS: 1.75-1.95 BU.

Regional Hay

Jan. 22, 1991
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW SLOW, STEADY.

ALFALFA 70.00-105.00; MIXED HAY 55.00-95.00; TIMOTHY HAY 55.00-85.00; STRAW 40.00-75.00, FEW 85.00; MULCH 20.00-35.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 1/18/91. PRICES PER TON: LOADS: 349 HAY, 105 STRAW, AND 22 EAR CORN.

ALFALFA 85.00-155.00; MIXED HAY 65.00-140.00; TIMOTHY HAY 77.00-145.00; STRAW 61.00-111.00; EAR CORN 73.00-85.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 1/18/91. PRICES PER TON: LOADS: 162 HAY, 35 STRAW & 13 EAR CORN.

ALFALFA 75.00-135.00; MIXED HAY 50.00-110.00; TIMOTHY HAY 50 00-75.00; STRAW 40.00-90.00; MULCH 68.00-92.50.

Pa. Grain

Monday, Jan. 22, 1991
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: CORN STEADY TO .15 HIGHER; WHEAT STEADY TO .05 LOWER; BARLEY AND OATS MOSTLY STEADY; SOYBEANS STEADY TO .20 HIGHER; EAR CORN STEADY TO 5.00 HIGHER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.40-2.75, AVERAGE 2.58, *CONTRACT FOR HARVEST 2.54-2.73; @WHEAT NO. 2 RANGE 2.50-2.80, AVERAGE 2.65, *CONTRACT FOR HARVEST 2.50-2.65; BARLEY NO. 3 RANGE 1.95-2.20, AVERAGE 2.07, *CONTRACT FOR HARVEST 1.75-1.90; OATS NO. 2 RANGE 1.45-1.70, FEW REPORTED 1.30, AVERAGE 1.52, *CONTRACT FOR HARVEST 1.15; SOYBEANS NO. 1 RANGE 5.30-5.80, AVERAGE 5.52, *CONTRACT FOR HARVEST 5.80-5.93; FEW REPORTED GR. SORGHUM #2 RANGE 2.30, AVERAGE 2.30; FEW REPORTED NEW EAR CORN RANGE 65.00-80.00, AVERAGE 71.46.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.25-2.57, AVERAGE 2.40; @WHEAT NO. 2 RANGE 2.50-2.60, AVERAGE 2.51; BARLEY NO. 3 RANGE 1.90-2.22, AVERAGE 2.06; OATS NO. 2 RANGE 1.20-1.45, FEW REPORTED 1.60, AVERAGE 1.36; SOYBEANS NO. 1 RANGE 5.28-5.65, AVERAGE 5.47; FEW REPORTED NEW EAR CORN RANGE 55.00-70.00, AVERAGE 60.29.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.30-2.75, AVERAGE 2.54; @ WHEAT NO. 2 RANGE 2.50-2.80, AVERAGE 2.62; BARLEY NO. 3 RANGE 1.90-2.22, AVERAGE 2.06; OATS NO. 2 RANGE 1.30-1.65, AVERAGE 1.44; SOYBEANS NO. 1 RANGE 5.28-5.70, AVERAGE 5.48; FEW REPORTED NEW EAR CORN RANGE 55.00-80.00, AVERAGE 67.15.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.40-2.70, AVERAGE 2.56; @WHEAT NO. 2 RANGE 2.60-2.80, AVERAGE 2.66; BARLEY NO. 3 RANGE 1.95-2.15, AVERAGE 2.03; OATS NO. 2 RANGE 1.30-1.50, AVERAGE 1.43; SOYBEANS NO. 1 RANGE 5.20-5.65, AVERAGE 5.42; FEW REPORTED NEW EAR CORN RANGE 56.00-80.00, AVERAGE 65.83.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.35-2.70, AVERAGE 2.45; @WHEAT NO. 2 RANGE 2.40-2.85, AVERAGE 2.63; BARLEY NO. 3 RANGE 1.85-2.05, AVERAGE 1.95; OATS NO. 2 RANGE 1.40-1.70, FEW REPORTED 1.00, AVERAGE 1.42; SOYBEANS NO. 1 RANGE FEW REPORTED 5.45, AVERAGE 5.45; FEW REPORTED NEW EAR CORN 55.00-70.00, AVERAGE 62.50.

MONTH AGO

CORN NO. 2-Y 2.42; @WHEAT NO. #2 2.67; BARLEY NO. 3 3.03; OATS NO. 2 1.42; SOYBEANS NO. 1 5.57; FEW REPORTED NEW EAR CORN 62.90.

YEAR AGO

CORN NO. 2-Y 2.79; @WHEAT NO. #2 3.97; BARLEY NO. 3 2.18; OATS NO. 2 1.72; SOYBEANS NO. 1 5.54; FEW REPORTED NEW EAR CORN 73.14.

Pennsylvania Livestock Auction

Waynesburg, Pa.
Thursday, January 24, 1991
Report Supplied by PDA

CATTLE 144. BREAKING UT. & COMMERCIAL SL. COWS 48.00-53.50, @ 57.00, CUTTER & BON. UT. 46.00-49.25, CANNER & LOW CUTTER 37.00-46.00, SHELLS DOWN TO 19.00.

FEEDER CATTLE: STEERS M&L-1 80.00-100.00, 3- 250 105.00, 6/9 72.50-85.50. HEIFERS M&L-1 61 00-84.00. BULLS M-1 4- 660 LBS. 73.00-95.00.

CALVES 35. CHOICE 105.00-115.00, GOOD 89.00-94.00, STAND. & GD. 90-120 LBS. 51.00-64.00. NO. 1, HOLSTEIN BULLS 90-130 LBS. 85.00-140.00.

HOGS 49. US NO. 1-3 240-260 LBS. 50.00-51.00, LOT 2-3 206 LBS. 47.75, 5 LOT 1-3 175 LBS. 45.50. US NO. 2-3 35.00-40.00.

FEEDER PIGS 7. US NO. 1-3 40-55 LBS. FEEDER PIGS 30.00-35.00.

SHEEP 155: H. CHOICE 75-100 LBS. 50.00-55.00. CHOICE 90-125 LBS. 40.00-48.00. GOOD/CH. 60-80 LBS. FEEDER LAMBS 40.00-50.50. SLAUGHTER SHEEP 14.00-21.00.

GOATS 18: L- 45.00-58.00, M- 25.00-35.00, SM.- 17.00-25.00.

Indiana Livestock

Homer City, PA
Thursday, January 24, 1991
Report supplied by PDA

CATTLE 117. SL. COWS 1.00-1.50+; SELECT 1340-1465 LBS. 70 25-72.00; STANDARD 62 25-62.50, CH. 1240-1510 70 00-70.50; STAND# 63.25. BREAKING UT. & COMMERCIAL SL. COWS 50.50-54.75, CUTTER & BON UT. 47.00-51.75, CANNER & LO CUTTER 39 25-46.75, SHELLS DOWN TO 32 00. YIELD GRADE NO #1 1210 LBS. SL. BULLS 66.25, #1650 @ 57.75, NO. 2 935 LBS 55.25.

FEEDER CATTLE: STEERS 277 & L-1 580-875, 77.00-83.00, 930-1120, 60.00-67.25.

HEIFERS: M-1 290-380 LBS. 72 50-85.75, M&L-1 535-610 LBS. 74.00-78.00.

BULLS: M&L-1 325-570 LBS. 79.50-82.25, #94.

CALVES 80. GOOD 81.50-90.00, STAND. & GD. 90-120 LBS. 54.00-60.00, STAND. & GD. 60-85 LBS. 40.00-56.00. NO. 1, HOLSTEIN BULLS 85-140 LBS. 1-142.50, NO. 2 90-120 LBS. 60.00-110.00. NO. 1 HOL. HEIFERS 80-110 LBS. 80.00-92 50, 61.00-100 00. BEEF CROSS 70-115 LBS. BULLS & HEIFERS 69.00-92.50, #120.

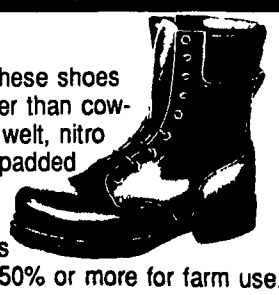
HOGS 82: US NO. 1-3 215-255 LBS. 50.00-51.75 LOT, 2-3 280 LBS. 49 25, LOT 1-3 205 LBS. 48.00. US NO. 1-3 325 LBS. SOWS 42.75, 430 @ 42 75.

FEEDER PIGS 0.

SHEEP 34. LOT CHOICE 78 LBS. 52 00. SLAUGHTER SHEEP 23.00-25.50

GOATS 0.

HORSEHIDE
GENUINE HORSEHIDE
Barnyard Acid Resistant American Made



Made of tough, long wearing horsehide, these shoes stand manure, silage, oil and grease better than cowhide. Shoes feature a genuine Goodyear welt, nitro cork sole that will not track, steel shank, padded collar, cushion insole and arch support. Ideal for barn use. Sizes 7-13 including ½ sizes. 1st quality. Our experience shows that horsehide outlasts good cowhide by 50% or more for farm use.

STYLE	WIDTH	PRICE	SIZE	TOTAL
6 inch	D, EE, EEE	$59.95		
8 inch	D, EE, EEE	$61.95		
8" Steel Toe	EE Only	$66.95		
8" Insulated,	snow grip sole	$69.95		

We ship in 24 hours
We pay shipping

NY Add 7% Tax
Grand Total

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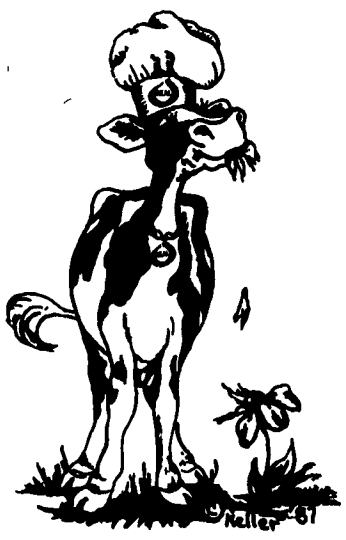

MILK. IT DOES A BODY GOOD.™

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133 Rothsville Station Rd. • Lititz, PA 17543
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Sat. - 7 AM - 11:30 AM
Sun. Closed - Lord's Day

WE SHIP PARTS DAILY

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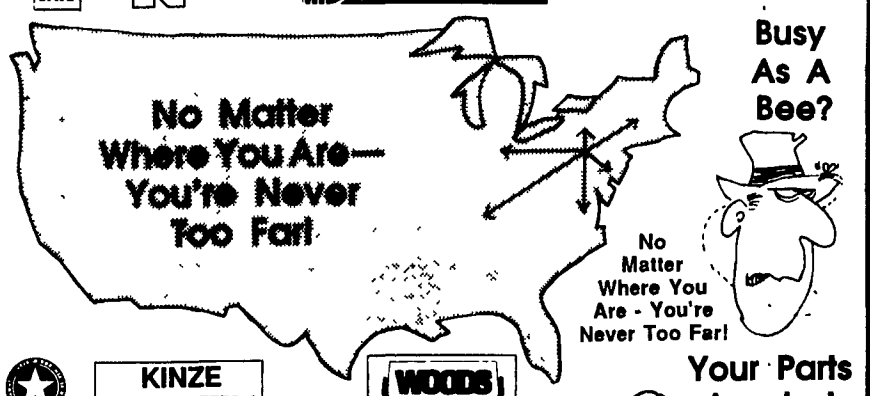

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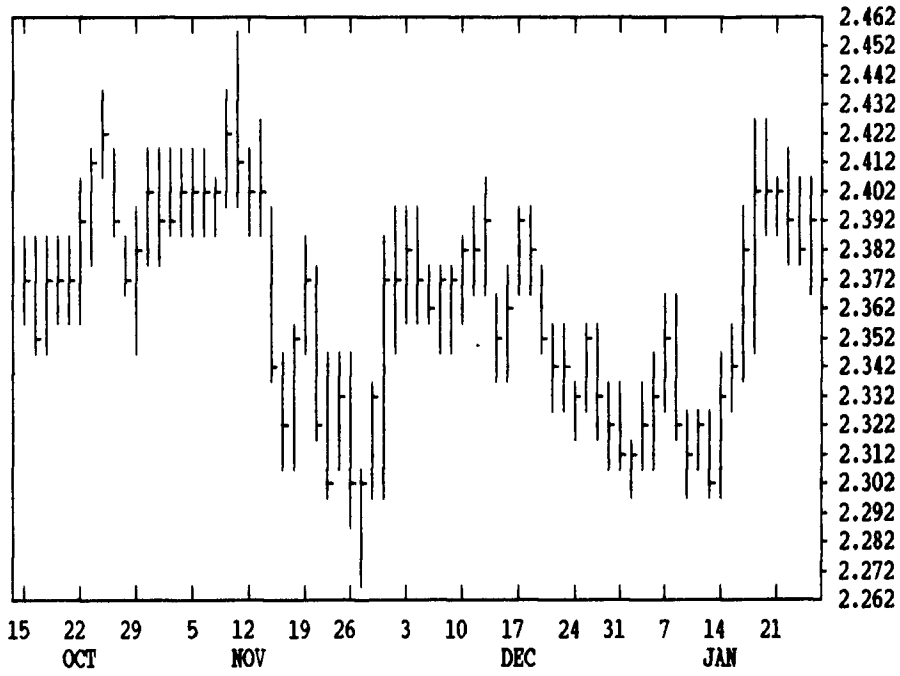
GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 731-1520

(Closing bids: Thursday, Jan. 24)

DTN GRAINS 16 MARCH CORN CONTRACT HIGH: 3.024 LOW: 2.272



DTN FUTURES 10 01/24/91 TECHNICAL COMMENTS

	PAST WEEK'S (ENDING 01/18)			DEC'S (ENDING 12/31)		CURRENT	
	HIGH	LOW	CLOSE	HIGH	LOW	SUPPORT	RESISTANCE
MAR WHT	2.57 3/4	2.44 1/2	2.53 1/2	2.69 3/4	2.58 1/2	2.44 1/2	2.58
JUL WHT	2.73 1/2	2.62	2.71 1/4	2.80	2.69 1/2	2.62	2.80
KC MAR	2.61	2.50 1/4	2.59	2.70 1/2	2.60 3/4	2.50	2.61
KC JULY	2.73 1/2	2.62	2.71 1/4	2.78 1/4	2.68 1/4	2.62	2.80
MAR CORN	2.42 1/2	2.30 1/4	2.40 1/4	2.40 3/4	2.31 1/2	2.30	2.46
JLY CORN	2.56 1/2	2.43	2.54 1/2	2.54 3/4	2.46	2.41 1/2	2.60
DEC91 CN	2.57 3/4	2.47	2.55	2.54 1/2	2.48	2.46	2.63 1/2
JAN BNS	5.74	5.45	5.72 1/4	6.05	5.56 1/2	5.49 MAR	5.90
JLY BNS	6.09	5.76	6.06	6.43 1/2	5.99 1/2	5.76	6.16
NOV91 BN	6.17 1/2	5.90 1/2	6.11 1/4	6.31	6.05 1/2	5.90	6.20
JAN MEAL	165.20	157.00	164.70	182.50	162.30	161.00 MAR	170.00
JAN OIL	21.63	20.38	21.45	21.99	20.62	21.00 MAR	22.60
FEB CTTL	76.95	75.05	76.65	77.70	74.85	75.05	.
JUN CTTL	74.55	72.42	74.27	75.05	73.35	72.40	75.04
JAN FDRS	88.65	87.10	88.40	89.45	87.20	83.55 MAR	87.25
FEB HOGS	52.75	50.30	52.20	49.72	47.20	50.00	53.00
JUN HOGS	54.87	53.52	54.37	52.15	48.60	53.50	.
FEB BLLS	70.75	67.77	70.20	67.62	61.30	65.00	73.00

CORN

	HIGH	LOW	LAST	CHG
MAR	2400	2370	2396*	+12
MAY	2474	2442	2472*	+12
JLY	2540	2504	2536*	+16
SEP	2540	2514	2540*	+14
DEC	2564	2530	2564*	+24
MAR	2630	2600	2630*	+22
MAY	2672	2672	2672*	+22
JLY				
SEP				

SOYBEANS

MAR	5784	5674	5706*	-152
MAY	5924	5820	5850*	-154
JLY	6050	5950	5974*	-150
AUG	6074	5994	6012*	-144
SEP	6070	6000	6014*	-110
NOV	6130	6062	6086*	-82
JAN	6244	6194	6204*	-74
MAR	6324	6320	6324*	-80
MAY	6414	6410	6414*	
JLY				

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
MAR	2526	2500	2524*	+10
MAY	2624	2596	2616*	+4
JLY	2702	2680	2696*	+4
SEP	2766	2750	2766*	+12
DEC	2894	2870	2894*	+10
MAR	2964	2964	2964*	+10

OATS

MAR	1084	1052	1084*	+6
MAY	1144	1112	1142*	+6
JLY	1204	1170	1202*	+10
SEP	1252	1224	1252*	+10

SOYBEAN MEAL

MAR	1655	1620	1628*	-50
MAY	1700	1671	1678*	-46
JLY	1742	1715	1722*	-41
AUG	1758	1736	1740*	-37
SEP	1770	1748	1748*	-29
OCT	1775	1755	1756*	-19
DEC	1797	1780	1783*	-19
JAN	1800	1780	1780*	-17

K.C. WHEAT

	HIGH	LOW	LAST	CHG
MAR	2570	2552	2562*	-4
MAY	2630	2614	2630*	+2
JLY	2690	2670	2690*	+4
SEP	2750	2744	2750*	+4
DEC	2864	2834	2834*	0

MINN WHEAT

MAR	2980	2572	2580*	-14
MAY	2676	2664	2664*	-20
JLY	2740	2730	2732*	-16
SEP	2804	2794	2804*	-24
DEC	2914	2914	2914*	-4

SOYBEAN OIL

MAR	2227	2183	2207*	-47
MAY	2260	2220	2243*	-43
JLY	2285	2245	2271*	-41
AUG	2275	2248	2270*	-36
SEP	2275	2248	2265*	-32
OCT	2270	2245	2262*	-33
DEC	2280	2250	2275*	-27
JAN	2235	2235	2235*	-40

LIVE CATTLE

	HIGH	LOW	LAST	CHG
FEB	7775	7700	7757*	+45
APR	7750	7645	7742*	+90
JUN	7460	7400	7450*	+45
AUG	7332	7282	7325*	+43
OCT	7337	7285	7325*	+43
DEC	7370	7330	7365*	+40
FEB	7325	7325	7325*	+25
APR				

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8997	8947	8990*	+45
MAR	8695	8640	8685*	+50
APR	8505	8450	8500*	+58
MAY	8355	8317	8340*	+25
AUG	8350	8295	8335*	+40
SEP	8315	8300	8315*	+40
OCT	8300	8275	8290*	+25
NOV	8325	8295	8320*	+30

LIVE HOGS

	HIGH	LOW	LAST	CHG
FEB	5285	5150	5285*	+150
APR	5090	4925	5090*	+150
JUN	5587	5415	5562*	+125
JLY	5575	5415	5550*	+100
AUG	5332	5200	5297*	+97
OCT	4800	4720	4795*	+60
DEC	4860	4775	4800*	+20
FEB	4822	4812	4822*	+7

SWISS FRANC

MAR	7995	7925	7937*	-43
JUN	7970	7905	7914*	-43
SEP	7940	7885	7893*	-43

BRITISH POUND

MAR	19490	19354	19378*	-10
JUN	19200	19080	19092*	-18
SEP	18930	18862	18862*	-18

JAPANESE YEN

MAR	7580	7524	7546*	-10
JUN	7562	7518	7531*	-15
SEP	7546	7523	7523*	-23

EURODOLLAR

MAR	9296	9291	9291*	+4
JUN	9303	9299	9300*	+4
SEP	9290	9286	9286*	+3
DEC	9265	9259	9261*	+4
MAR	9255	9250	9252*	+4
JUN	9227	9223	9225*	+4

S&P 500 INDEX

MAR	33740	33250	33680*	+540
JUN	34025	33550	33960*	+545
SEP	34270	34140	34245*	+585
DEC	34500	34430	34495*	+585

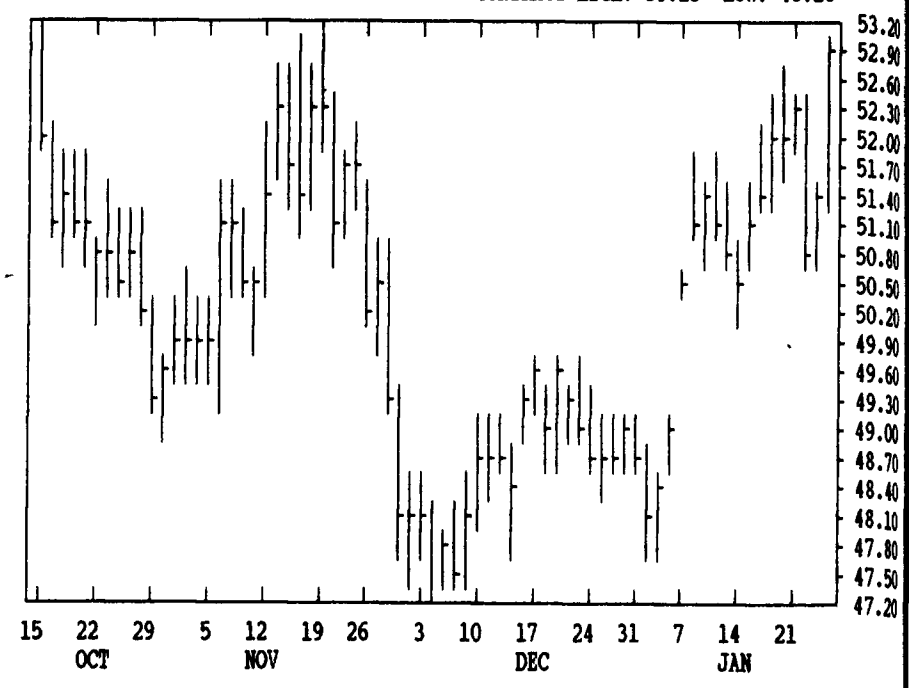
PORK BELLIES

FEB	6940	6680	6940*	+200
MAR	6910	6650	6910*	+200
MAY	6950	6690	6950*	+200
JLY	6900	6665	6900*	+200
AUG	6765	6545	6745*	+180
FEB	6315	6275	6315*	+85

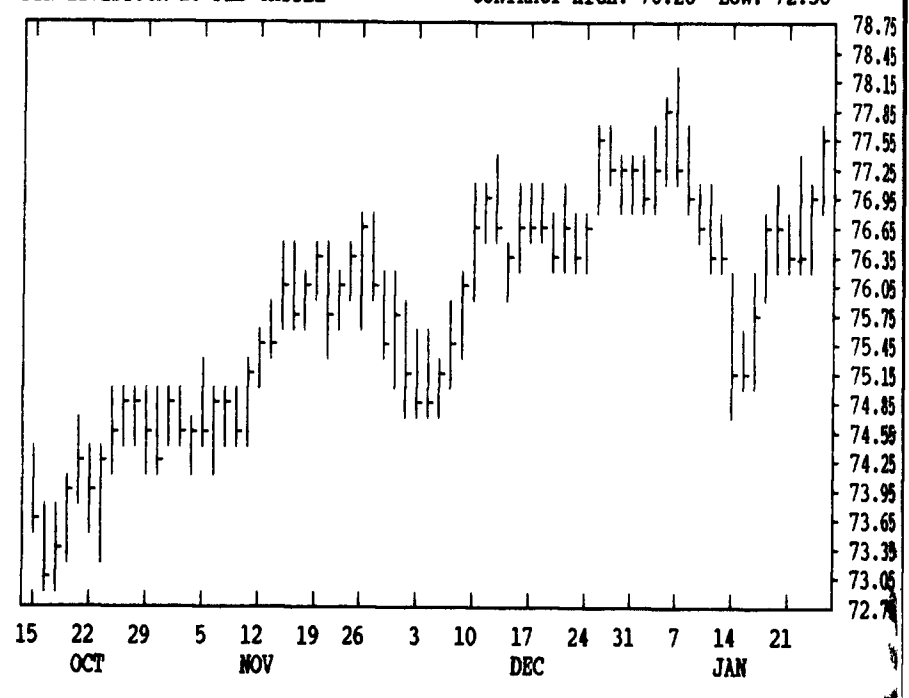
W. GERMAN MARK

MAR	6742	6703	6713*	-14
JUN	6701	6670	6676*	-14
SEP	6655	6641	6641*	-14
DEC	6623	6609	6609*	-14

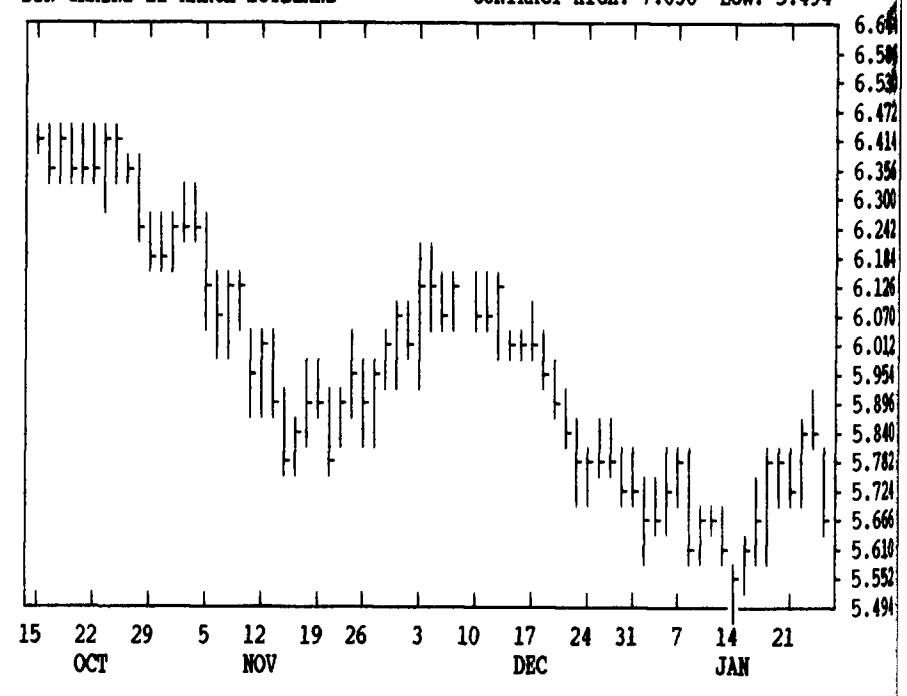
DTN LIVESTOCK 17 FEB HOGS CONTRACT HIGH: 53.15 LOW: 46.20



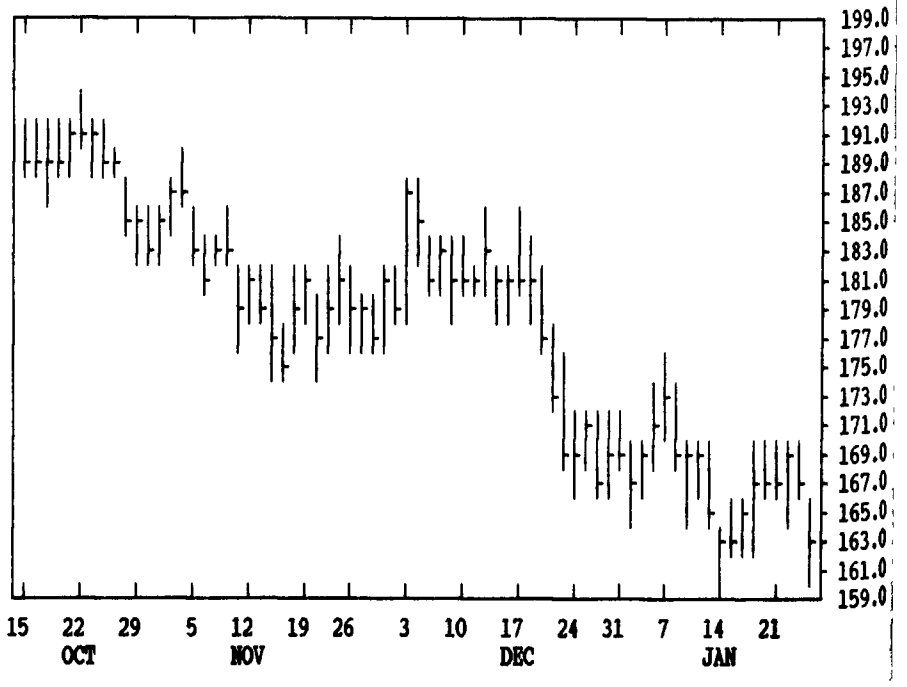
DTN LIVESTOCK 18 FEB CATTLE CONTRACT HIGH: 78.20 LOW: 72.50



DTN GRAINS 21 MARCH SOYBEANS CONTRACT HIGH: 7.030 LOW: 5.494



DTN GRAINS 23 MARCH SOY MEAL CONTRACT HIGH: 212.0 LOW: 161.0



PFA Provides Dairy Situation Backround

CAMP HILL (Cumberland Co.)— Dairy prices have fallen sharply since January, 1990. The PA Dept. of Agriculture's Ag Statistics Service reports the wholesale milk price paid by dealers who buy directly from farmers fell from $16.80/cwt. for 3.74% milk in January to $14.70 in October for milk with an average 3.67% butterfat. This is roughly equivalent to a drop of about $10 per cwt. for steers or nearly $3 per cwt. for fresh use apples.

Meanwhile, the Minnesota-Wisconsin price, which is used to determine all federal order prices, took a record plunge in October and fell some more in November for a total decline from $12.50/cwt. to $10.25/cwt. for 3.5% milk. This means even lower milk prices are on the way. PFA's Dairy Situations report states the full effect of the most recent M-W price drops will be felt in January, 1991 when milk checks will probably fall below $12/cwt.

The reason for price declines is because milk supplies are higher nationwide. Production was 4% higher in November than a year ago in 21 major dairy states. In Pennsylvania, milk output was 5% higher than a year earlier even though cow numbers are down from 694,000 last year to 687,000 now. Per cow production is up from 1,125 lbs. per month to 1,195 lbs.

To make matters worse, production costs are increasing. Petroleum costs have gone up since the Persian Gulf crisis affecting prices for fertilizers, heating oil, rubber products, farm chemicals, transportation and other inputs. Increasing costs and falling milk prices have forced the milk feed price ratio down from 1:63 in Oct. 1989 to 1:50 last October.

The Future

How long will the supply/demand imbalance last? No one really knows. USDA predicts milk and dairy product prices will fall sharply in 1991. Significant surpluses of cream and skim milk are expected. Milk production is expected to increase by 1% to 2% during the year. Farm milk prices are expected to drop by $2 to $3 from a $14/cwt. average. If the economy continues to grow, commercial use will probably increase by 1-3%, aided in part by lower milk prices. However, commercial use could struggle if the economy slides into recession. In other words, it might get worse.

The demand for cheese, which was one of the driving forces in raising milk prices a year ago, has now fallen below the level of supplies. On Nov. 8, CCC made its first surplus cheese purchases since May, 1989. Total CCC purchases, since Oct. 1, 1990 are 60% ahead of last year's pace. Almost 2 million lbs. of cheese have been purchased.

The 1991 Farm Bill

The 1990 Farm Bill will provide some relief in the face of continuing surpluses. For one thing it holds the price support floor at the current level of $10.10/cwt. for 3.67% milk for the life of the five year law and prevents it from dropping further. It also requires CCC purchases to be calculated on a total solids basis milk equivalent instead of a milkfat basis. This would have lowered the CCC milk equivalent from a 7.8 billion lbs. surplus to under 3 billion lbs. for the marketing year which ended Sept. 30.

The new farm bill requires the Secretary of Agriculture to come up with a Milk Marketing Inventory Management Plan for Congress to consider by August, 1991 to keep surplus purchases at or below 6 billion lbs. The plan may not include herd buyouts or support price cuts. Target prices and deficiency payments or a world market price for excess milk are options that will be considered. If Congress fails to adopt a plan by Jan. 1, 1992, assessments can be levied if surplus purchases are predicted to exceed 7 billion lbs. (total solids basis). According to Ken Olson of American Farm Bureau assessments are possible during the life of the five year farm bill.

Budget Cuts

A more immediate impact on dairymen will come from the budget deficit legislation, the Omnibus Budget Reconciliation Act of 1990 (OMBRA). It will impose a 5 cents per cwt. service charge on milk marketed starting Jan. 1, 1991 and will increase the assessment to 11.25 cents/cwt. for the following four years. Dairymen who reduce their milk marketings will be able to get a refund. But those refunds will be offset by a higher assessment rate on other dairymen. In addition, the OMBRA doubled the excise tax on fuel by adding another 5 cents to the price per gallon for gasoline and diesel fuel. While farmers are still exempt from the tax for off-road use, they will feel the impact through higher transportation costs, including, most likely milk hauling.

Options

Fortunately in Pennsylvania we have the Pennsylvania Milk Marketing Board (PMMB) to help stabilize prices for dairymen. Since Sept., 1988, the PMMB has responded to petitions by PFA and others to offset cost of production increases due to weather, management and equity costs, and higher fuel costs. The results will put an additional $155 million in dairymen's pockets by the time the over-order prices are scheduled to end on June 30, 1991. It's important to understand that these monies to dairymen were justified because the PMMB action assured the consumers of an adequate supply of dairy products. While the PMMB has been helpful in times of increasing costs, the question is: What can it do during periods of over supply?

There are several over-order bargaining agencies for producers operating in Pennsylvania. These include Middle Atlantic Cooperative Marketing Agency (MACMA) in Federal Order 4 and the Regional Cooperative Marketing Agency (RCMA) in Federal Order 2 which has been relatively inactive for the past year but recently announced plans to negotiate with handlers in the northeast for over-order premiums in 1991. RCMA distributed $70 million in premiums for Class I milk to dairymen in 11 northeastern states from 1987 through 1989. However, premiums were suspended in Sept. 1989 when RCMA was unable to collect from Class II handlers causing Class I handlers to balk.

(Turn to Page A19)

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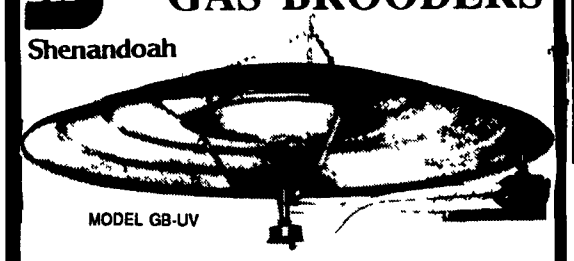
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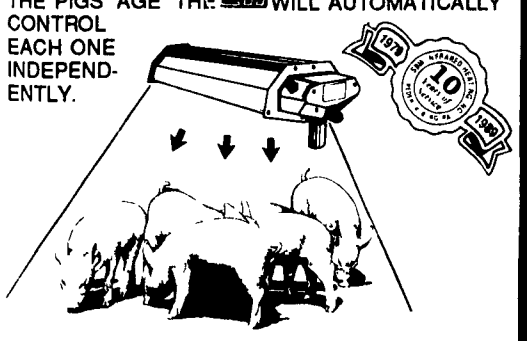

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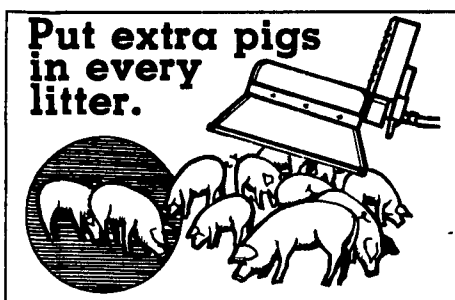
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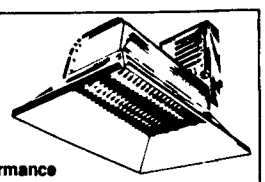
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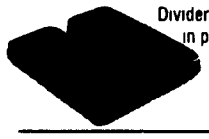
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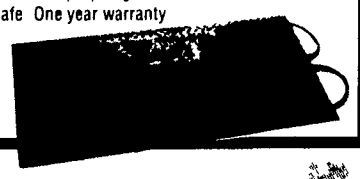

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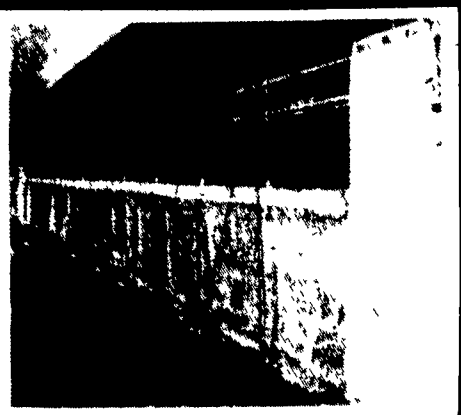

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Washington Dairyman: Use Caution, Pay Cash

STATE COLLEGE (Centre Co.) — John Tenneson, who will be a featured speaker at the Pennsylvania Holstein Convention, held in Reading from Feb. 21 through Feb. 23, started in the dairy business right out of high school when he began working with his younger brother, Glen.

The brothers purchased the all-grade herd owned by their uncle and rented their father's farm which had absolutely no buildings or facilities except a 23-stanchion milking barn. The only registered cows they had to begin with were the two or three which had been 4-H project animals.

They began adding registered cows by purchasing older or damaged cows at sales in the area, as financial resources were very limited to say the least.

Their father gave his sons two major pieces of advice.

First, he cautioned them that the registered business was one to be very wary of as some of the people involved were not too trustworthy.

Secondly, he said to buy all the tractors possible, build all the barns needed, buy all the cows wanted, and purchase all the land desired — as long as you pay CASH!!

That was the beginning of Skagvale Registered Holsteins. And with those words of advice, you can imagine it was a good many years before the Skagvale herd was all registered.

Today after more than 35 years of experience, the brothers still find a lot of people and ideas in the Holstein business to be skeptical of!

Perhaps that's been a major factor in the unique and successful farming and breeding strategies employed at Skagvale all these many years.

When the farm is turned over to the next generation, the same advice will be given: Question every single shortcut, get-rich-quick gimmick presented by the registered business; and always pay CASH!

The small Skagvale herd (averaging about 40 milking cows) has bred 11 cows with 200,000 pounds or more lifetime, including two 300,000 pound lifetimers!

All were sired by Skagvale-bred sires except two. All were classified Excellent except two, who were 88 and 87 points.

Numerous more cows with lifetimes of 150,000 to 199,000 pounds carry the Skagvale prefix. Several Skagvale-bred cows have made 2x records from 35,000 to over 44,000 pounds.

Nearly 70 Excellent females have been bred in the small Skagvale herd, including two at 95 points, two at 94 points, and five more at 93 points. Most have been sired by Skagvale Farms herd-sires!

Six All-American nominations have been garnered by Skagvale-bred animals. In 1971, Skagvale Graceful Hattie broke a world's record which had stood for decades when she completed her 2x record of 44,019M 1,505F at seven years of age. This event brought immediate national and international attention to Skagvale.

The current BAA stands at 110.9 and the current Rolling Herd Average is 20,795M 3.9% 805F 3.4% 698P. Every cow in the herd is home-bred.

John Tenneson has spoken at Holstein conventions or seminars in 15 different states or provinces. Internationally, he was a keynote speaker at Canada's "Benchmark 100" symposium in 1984 and at the New Zealand Friesian Conference in 1988.

He has also judged major shows in nine western states and provinces, and was a director of Northwest Dairymen's Assoc., "Darigold."

In the area of community service, John is a dedicated Rotarian (and past club president) and was a 4-H club leader for over 20 years. He has served on boards of his church, Bible camp, and group homes for troubled youth.

His current hobbies include raising exhibition type chickens (Brahmas, Minorcas, Cochins), and intensive raised-bred vegetable gardening.

He and his wife Beverly have two daughters and a son. Jonelle has a B.S. from Pacific Lutheran U. and is beginning a business career; Carolyn is a sophomore at Cal Poly (San Luis Obispo, Calif.); and Mark is a junior and redshirt-sophomore starting quarterback at Eastern Washington University.

PFA: Rescind Dairy Assessment

CAMP HILL (Cumberland Co.) — "The federal government should rescind the assessment placed on dairymen starting January 1," Harold M. Shaulis, Jr., chairman of the dairy committee of the Pennsylvania Farmers' Association (PFA), said today. "It's an unfair tax, which will harm agriculture and do little to balance the federal budget.

"Recent milk price drops are creating financial stress, not only hurting dairymen but also placing a heavy burden on the state's overall economy," the Somerset County farmer stated. "The 'dairy tax', which amounts of five cents per hundredweight in 1991 and increases to 11.25 cents in 1992, will make the dairy outlook worse. Eliminating the 'dairy tax' would save the average dairyman $5,131 during the next five years."

Shaulis, a PFA Board of Directors member, explained that federal farm programs amount to a little more than one percent of the federal budget, yet cuts in farm programs including the 'dairy tax', are two to three times higher than reductions in other areas.

Shaulis also called for the reinstatement of the capital gains tax treatment provision which was eliminated in 1986. "If this tax provision was reinstated, it would save the dairyman another $6,000-plus during the five years of the federal farm program," he said. Presently, the average dairyman loses about $1,210 per year to federal taxes in the sale of cull cows, because of the loss of this tax provision.

"Hopefully, the lower prices will not last very long," the farm leader said, "because the average dairy farmer will soon be selling milk for about $2.00 per hundredweight (cwt.) less than his cost of production. Agriculture is the Commonwealth's number one business and dairy is the single largest part of agriculture's economy. So everyone connected with the agriculture industry will feel this downturn in the dairy prices."

He went on to explain that it's important to realize that the same factor responsible for the record high dairy prices a year ago, namely the amount of milk supply, is responsible for the low prices now. Since the dairy industry is dependent on the national milk supply and demand, very little can be done by the individual farmer to prevent this roller coaster ride affecting dairy prices

Shaulis said that in 1988 PFA successfully initiated the need for price increases with the Pennsylvania Milk Marketing Board (PMMB), which held hearings to gather testimony.

PFA is a general farm organization with more than 23,000 family members in Pennsylvania,

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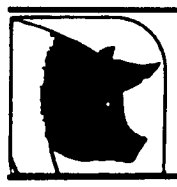

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National Brown Swiss Cattle Breeders Recognizes High Producers

BELOIT, Wis. — The National Brown Swiss Cattle Breeders' Association recently recognized a number of cows with outstanding lactation records from eight farms in Ohio, three in Pennsylvania, two in New York and one in Maryland.

The breed association sets levels of production for special national recognition.

In Ohio, two cows, Twin Gate Joyfuls Jemini and Twin Gate Milly Dixie, from the farm of Earl F. Bursick in Gibsonburg, receibed special recognition.

Jemini, 7y11m, produced 26,690 pounds of milk, 1,034 fat and 893 pounds of protein during a lactation longer than 306 days.

Dixie, 8yr2m, produced 25,920 pounds of milk with 1,005 pounds fat and 843 pounds of protein.

Three cows performed well for Robert and Mark Witmer, of Columbiana. Fullerton Delegate Que, 11y10m, produced 27,240 pounds of milk, 1,201 pounds of fat, and 928 pounds of protein.

Top Acres Maple Penny, 7y9m, produced 25,710 pounds of milk, 1,044 pounds of fat and 842 pounds of protein.

High Spruce Beau Dee, 7yr4m, produced 25,290 pounds of milk, 1,013 pounds of fat and 823 pounds of protein.

For St. Charles Seminary, in Carthagena, Sems Elegant Sue Ellen, 9y6m, produced 18,900 pounds of milk, 1,012 pounds of fat and 761 pounds of protein.

For R Hart Farm in Wapakoneta, High Spruce Stretchy Eve, 8yr7m, advanced to honor roll recognition with the production of 28,710 pounds of milk, 1,559 pounds of fat and 934 pounds of protein within 305 days.

Honor roll cows are those that produce one of the top five records of all time in their age division. They retain the honor until replaced by a higher-producing cow.

La Rainbow Farms in New Knoxville had two cows which received recognition. La Rainbow Starfly, 8yr4m, showed a 305-day production record of 24,670 pounds of milk, 1,053 pounds of fat, and 788 pounds of protein.

La Rainbow Germaine, 3yr5m, produced 21,860 pounds of milk, 1,025 pounds of fat and 846 pounds of protein with a lactation longer than 306 days.

A cow owned by John and Bradley Keener, of West Salem, Indian Trail Deputy Dutchess, 8yr2m, showed a 306-day or more production record of 26,180 pounds of milk, 877 pounds of fat and 928 pounds of protein.

Garbro & Bry-Lyn Swiss, West Salem, have a cow which qualified for two honor roll production records.

The first recognition came when Garbro Babaray Lark, 2yr0m, produced 19,340 pounds of milk, 910 pounds of fat and 662 pounds of protein during a lactation of 305 days or less.

Lark then received additional recognition for continuing on her lactation to produce 22,270 pounds of milk, 1,046 pounds of fat and 768 pounds of protein.

For Dew Drop Farm, New Knoxville, High Spruce Telstar Raeann, 4y6m, produced 26,500 pounds of milk, 1,019 pounds of fat and 914 pounds of protein during a 305 day lactation.

Pennsylvania Cows

In Pennsylvania, Gary Mase, Lebanon, had four cows show production records of noteworthy achievement.

With a lactation of 305 days or less, Quiet Valley Jim Dandy, 6y3m, produced 25,590 pounds of milk, 988 pounds fat and 931 pounds of protein.

Three Meadow Hill cows showed outstanding production during lactations of more than 306 days: Kayle Aggie, 7y3m, made 24,870 pounds milk, 1,065 pounds fat, and 892 pounds protein; Jubilant Missy, 5y7m, made 22,800 pounds milk, 1,005 pouds fat and 796 pounds protein; and Matt Brita, 6y2m, made 28,780 pounds milk, 972 pounds fat and 1,042 pounds protein.

Bruce Heilinger, of Newmanstown, had a cow, Nic Mariner Nickie, 3y1m, produce 22,430 pounds of milk, 1,013 pounds fat, and 823 pounds protein, during a lactation of more than 306 days.

Dean and Brenda Daubert, of McElhattan, had three cows received recognition with lactations longer than 306 days. Wind Mill Telstar Shamoo, 5y11m, produced 27,430 pounds of milk, 1,082 pounds of fat, and 960 pounds of protein. Witlas Improver Emily, 8y7m, produced 24,820 pounds of milk, 1,171 pounds fat, and 939 pounds of protein. And Wind Mill K Jared Lu Ann, 7y4m, made 27,100 pounds of milk, 1,103 pounds of fat, and 883 pounds of protein.

In New York state, a cow owned by Leon W. and Leon N. Button, of Rushville, showed a noteworthy lactation of more than 306 days. Vine Valley Performer Angela, 8y6m, produced 25,930 pounds of milk, 1,027 pounds of fat and 931 pounds of protein.

Shelburned Tom Jones Sue, owned by Jerry Harkness, of Marcellus, at 8y1m, made 26,350 pounds of milk, 1,004 pounds of fat and 895 pounds of protein during a lactation of more than 306 days.

In Maryland, two cows owned by Dwayne Bell, Knoxville, received recognition. Le Fer Ban Stylish Mary, 5y0m, made 23,400 pounds of milk, 1,022 pounds of fat and 760 pounds of protein in 305 days or less. Shady Creek Bonnie Bertie, 4y4m, made 22,650 pounds of milk, 1,029 pounds of fat, and 762 pounds of protein during a lactation of at least 306 days.

PFA Provides Dairy

(Continued from Page A17)

This issue is still unresolved. Membership enrollment in southeastern PA was also poor. RCMA is currently endorsing a petition calling on the Secretary of Agriculture to suspend for one year the Louisville Plan which reduces spring milk prices in return for higher prices in the fall.

In Federal Order 36 the Producers' Equalization Agency has been holding membership meetings during the past few months to organize support for its goal of a $1 over-order premium.

The Pennsylvania Farmers' Association (PFA) supports the efforts of these over-order price bargaining agencies although we recognize their limitations in times of oversupply.

What about reopening the 1990 farm bill? Secretary Yeutter said recently that reopening the farm bill would result in more than a 50-50 chance that farm subsidies would be reduced even more.

Another option to consider is the budget deficit cut. The five cents dairy assessment will cost the average Pennsylvania dairyman $513 in 1991, then $1,154 in 1992; and will cost dairymen an average of $5,131 over the entire five year period. The assessment is part of a 24% budget cut for agriculture. A strong argument can be made that this is a disproportionate amount which will do more harm to agriculture than good for the budget. PFA believes that the 5 cents assessment is an unfair burden on dairymen.

The total cost of farm price and income support programs is a little over 1% of the federal budget and it has been declining in the last five years. Farm program spending has been cut by more than half since 1986, from $25.8 billion to less than $11 billion, as opposed to only moderate reductions in the level of increases for other categories of government spending. The 24% reduction in farm program spending is at least two or three times the amount budget negotiators applied to other spending areas.

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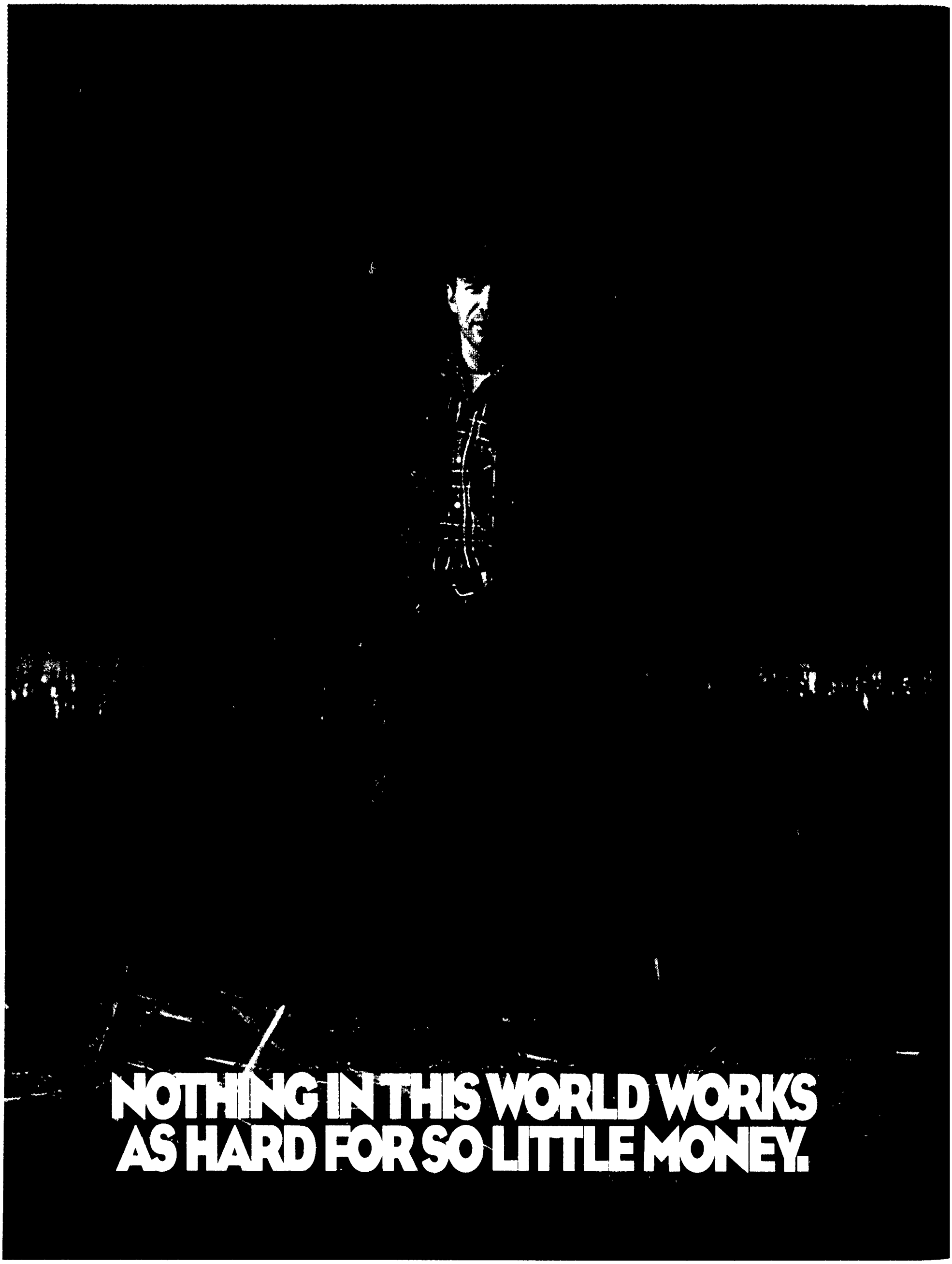
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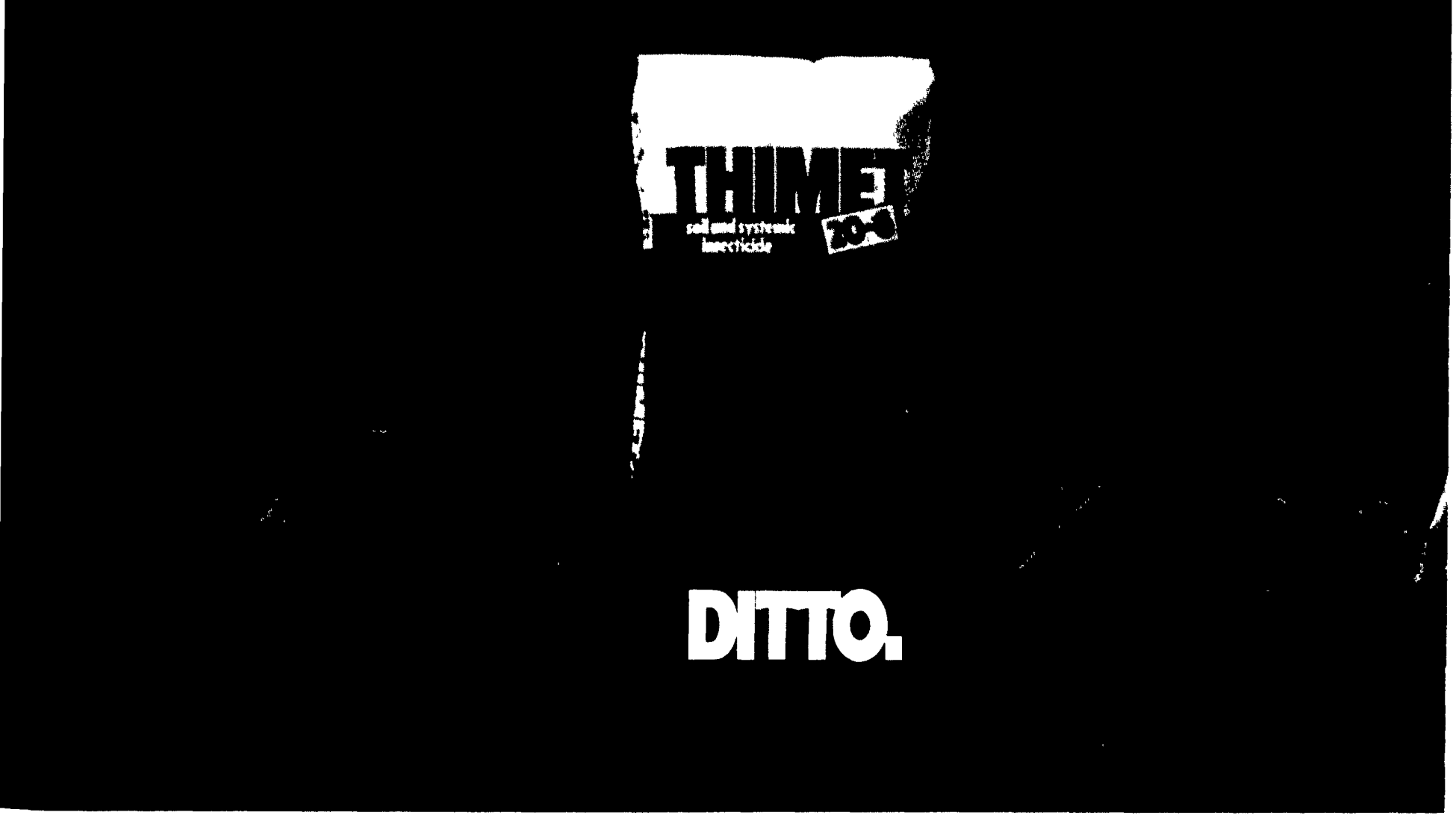

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Made Pact With God And Became Successful Holstein Breeder

STATE COLLEGE (Centre Co.) — Fearing for his life, Wally Lindskoog made a contract with God, promising to give Him half of his net income and half of his accumulated assets.

"This has proven to be the single most contributing factor to Arlinda's success," the Holstein breeder from California said.

Wally Lingskoog will be the featured speaker at Annual Meeting of the Pennsylvania Holstein Association. The annual meeting will begin at 12:30 p.m. on Friday, Feb. 22, in the Ballroom of the Sheraton-Berkshire. Mr. Lindskoog is scheduled to speak at 3 p.m.

All Holstein enthusiasts are invited to attend the annual meeting and hear Mr. Lindskoog's message.

The pact with God was made nearly 60 years ago, when Lindskoog was 14 and awaiting an appendectomy. His fears were well-founded for he had lost his very best friend to the same illness just a few months before.

"I found myself in the same hospital; in the same room. I was scared," he said. "I prayed fervently, like only a frantic teen-ager can, that I would not die. I promised God that if He saw fit to spare my life, I would make Him my full partner and give Him half of my net income as soon and as long as He made it possible."

Surviving the surgery, Lindskoog grew up to become a successful dairyman. It could be said that he is one of the most successful of all time.

As developer and owner of Arlinda Holsteins, his accomplishments have become legendary. His major claims to fame are Pawnee Farm Arlinda Chief, whom he purchased in dam, and his double grandson, Arlinda Rotate, also Arlinda Jet Stream.

A host of other bulls have followed, including the currently popular Arlinda Melwood, Arlinda Mellow, Arlinda Roman, and Arlinda Merchant, among others.

According to Penn State's Larry Specht, Arlinda has produced more A1 proven bulls than any other herd in the nation. Specht's 1988 study credits him with 132, and the list has grown since then.

With credits like that (not to mention income), one might suspect that Lindskoog has reached heaven even while on earth. But not so. He sees faults and need for improvements.

Lindskoog is an individual who marches to the beat of a distant drummer and he's not afraid to be outspoken, controversial, or even antagonistic, if you will. He's a crusader with a cause he fervently believes in.

"In human relations, you have no progress without controversy. It's necessary. So I accept that. I'm not afraid of it," he said. "Somebody has got to stir the pot and make people think."

He describes himself as a corrective mating disciple. In essence, Lindskoog wants Holstein breeders to pay more attention to the cow and the commercial dairymen. And if words aren't enough to convey the message, this outspoken Holstein breeder isn't afraid to do something dramatic and drastic. Like buy a Jersey.

"The reason I wanted to buy one here was because I wanted to make a statement," the 72-year-old dairyman said with a sparkle in his eye.

"The Jersey breed type programs are trying to base their progress on only the economic traits — things that are significant in the economics of dairying. The Jersey breed type program has an awful lot of realism in it that we lack in this (Holstein) breed. In the Holstein breed we place too much emphasis on showing and sales. The Jersey breed's type program is listening to the cow," he said.

But, there was also a sentimental reason for Lindskoog's purchase of a Jersey cow. His very first 4-H animal was a Jersey heifer. And so was his best friend, Stanley's.

Specifically, Lindskoog would like to see Holstein breeders pay more attention to front ends for strength, thurl position for reproductive efficiency, and wider foreudders to increased milk-holding capacity.

A former participant in major Holstein shows, Lindskoog became disillusioned with show type more than 20 years ago.

"I had three Reserve All-Americans during the early 1960s, so I know a little bit about what goes on in the show ring," he said.

"I don't want show udders. I want udders that milk. Almost every fancy-uddered bull I've ever used his given me negative yield results."

It's way past time that the milking machine claw fit the high producing most profitable cow, rather than trying to breed a cow to fit the milking machine. I'm pointing to philosophy, not people," he added.

According to Lindskoog, width of fore udder is the only way an udder's yield capacity can be increased.

"We can't go to the rear, and we don't want to go down," he explains further. "Show udders today — they're like trying to pour five gallons into a three gallon can. You can't do it. You make a monkey out of yourself," he said.

Recalling the slogan of ABS founder Rock Prentice, he said, "Utility is Beauty."

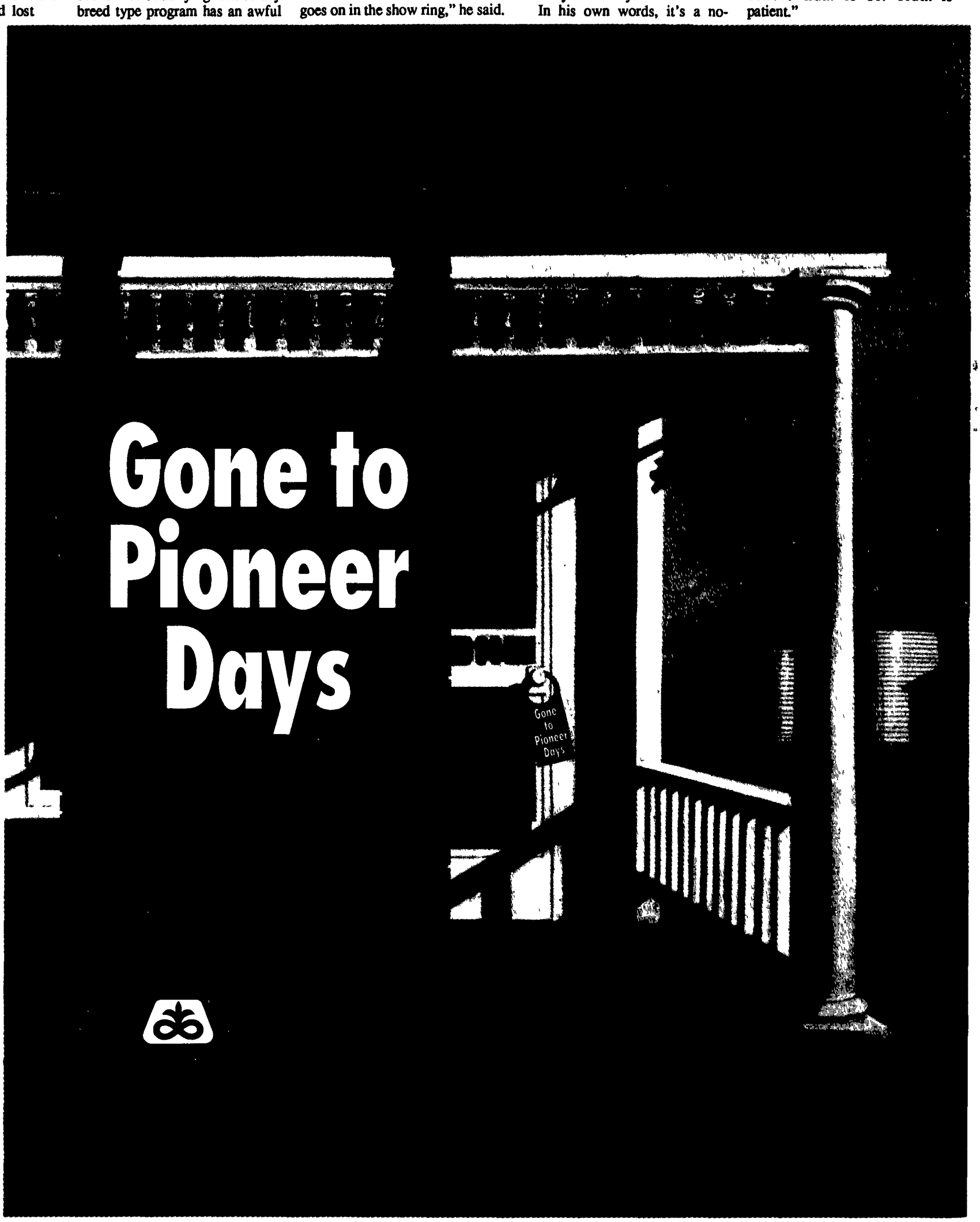
In his own words, it's a nononsense approach.

Admittedly frustrated at times by the course many breeders and the Holstein Association have taken, he reminds anyone willing to listen that "truth is patient."

"People sometimes bring up my age. I'll be 75 in March," he continued. "But I have experience, and age is the only way to get it. I've made mistakes. Now they're doing it all over again. They're not learning from mistakes. They're not learning from mistakes of the past.

"We have some people using bulls after they're dead and gone. That's throwing the ball behind the runner. You don't win that way," he said.

"I would like to have history remember me as a person who had strong enough convictions to take a non-negotiable stand on what I believe truth to be. Truth is patient."



Cornucopia Approaches

(Continued from Page A1)

dairy products. There will be entertainment and a speaker involved in agriculture although a speaker has not been finalized at this time. The usual distribution of gift baskets of Pennsylvania products to the legislators will occur directly before the speaker. As last year, unclaimed baskets and fresh unused food will be taken to Bethesda mission after the meal.

The agriculture and agribusiness industry is Pennsylvania's number one industry and the Pennsylvania State Council of Farm Organizations is devoted to promoting that industry. It is comprised of nearly 70 agriculture related groups, organizations, and businesses. They work toward the solution of mutual problems and the support of constructive agriculture-related legislation.

For more information on the Council, please call 717-234-5001.

Gleaner Offer New Feature

NORCROSS, Ga. — Beginning with the 1991 model year, Gleaner combines once again will sport a bright orange stripe. The color will identify them as products of the new Deutz-Allis Corporation.

The stripe on Gleaner combines was originally orange. It was changed to green in 1986, after Klockner-Humboldt-Deutz, a German firm, acquired the Allis-Chalmers farm equipment company.

The change back to the popular orange color comes as a result of the purchase of Deutz-Allis by a group of five top American managers of the company last June. The first Deutz-Allis products to return to the orange color were the 9100 Series tractors.

The new color is not the only change in the appearance of the combines. The cab interior on all 1991 models will be a richer shade of gray that more closely matches the seat color. The combines also will be wax coated for a glossier finish. The company began wax coating the combines during the 1990 model year.

The 1991 product line also offers new features that improve performance. These features include heavy-duty drive wheels, which will be standard on all models.

A discharge raddle also will be standard on both the R-60 and R-70 models. The discharge raddle will improve the movement of straw and chaff through the combine from the impeller to the spreaders.

All Gleaner combines are equipped with hydrostatic drive for an infinite number of ground speeds up to 20 mph. For 1991, the R-50 model will be available with a heavy duty hydrostatic drive unit as an option. The heavy-duty unit will enhance the performance of the R-50 combine under muddy conditions and over hilly terrain.

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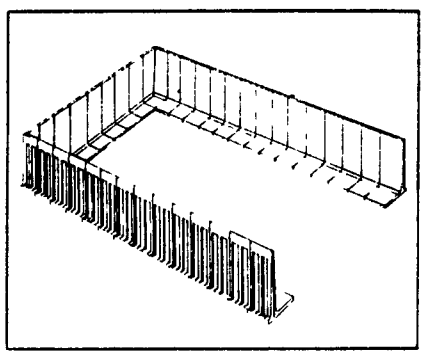

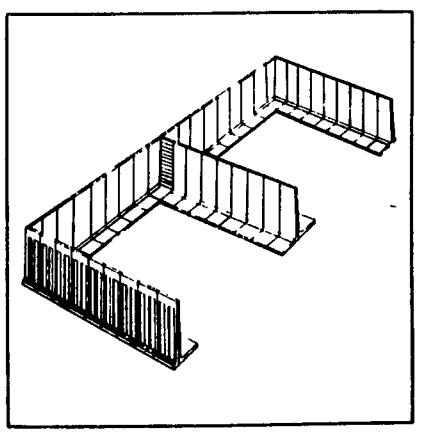

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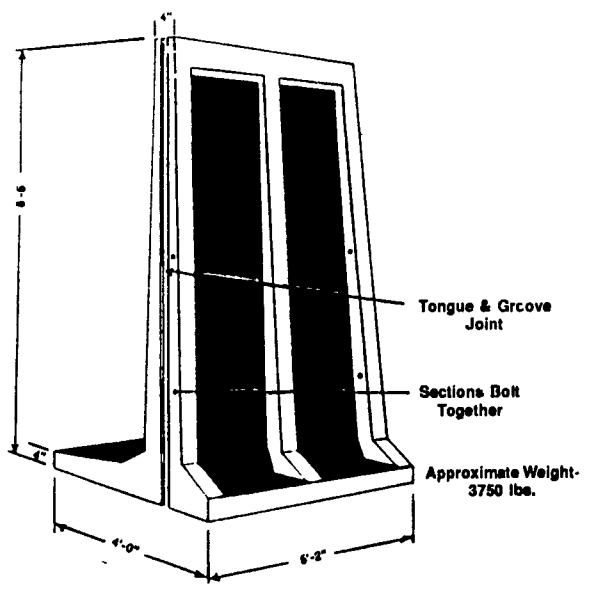

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On The Record

Dick Barth

PA DHIA General Mgr.

DICK BARTH
General Manager, PA DHIA

A few weeks ago I reported to readers that the Pennsylvania and Northeast DHIA boards had adopted a joint resolution to begin charging the dairy industry in 1992 for access to DHIA records. Since then, a considerable amount of discussion has occurred throughout the DHIA membership nationwide, as well as between DHIA's and their sister cooperators in the industry.

All this conversation was good because it created new understanding about the challenges facing DHIA and its members, challenges that didn't exist a few years ago. And, of course, these challenges must be shared with cooperators who use DHIA records for their businesses.

Following these many conversations, action was taken by the National DHIA board in December to be responsible for this issue nationwide. The board released a statement on December 4, 1990 that you may find interesting. It is reproduced verbatim below:

"National DHIA recognizes that inequities exist in the present funding of DHIA data collection. In order for DHIA to remain current with rapidly advancing technology, it is necessary for allied industry to recognize the value of these data.

"At their December 2-3, 1990 meeting the National DHIA board adopted the following position statement:

"Sufficient additional income must be generated to equitably compensate for the cost of collecting DHIA data and for research, development and education to improve the usefulness of management information for the producer and the dairy industry.

"The National DHIA board believes these issues can be approached with a true cooperative spirit and resolved through successful negotiations. A National DHIA committee has been apointed to negotiate the value of DHIA data with primary users in allied industry."

Negotiations are starting in February in hopes that some progress can be reported to delegates at the National DHIA convention in Baltimore in late March. It's gratifying to see the National Association take leadership on this issue, and your national directors should be encouraged to see this issue through to successful completion.

In spite of the National DHIA action, the Pennsylvania DHIA board chose not to change their previous resolution with Northeast DHIA. Your state directors want action at the national level as soon as possible. And to that end, they left their resolution in place to be acted upon if the national efforts are not successful.

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Shelled Corn Per Bushel--->	$2.41
44% Soybean Oilmeal Per Ton>	$217.50

Crop/Feedstuff	Relative Feed Value		@ DM %
Table 1. Grains			
1 EAR CORN	77.29	Per Ton	85
2 EAR CORN, high moisture	56 76	Per Ton	65
3 EAR CORN, bushel basket	1.35	Per Bu.	85
4 CORN, shelled, high-moisture	69.68	Per Ton	72
5 OATS, spring	1.45	Per Bu.	90
6 BARLEY, winter	2.37	Per Bu.	89
7 WHEAT, winter	2.72	Per Bu.	86
8 RYE, winter	2.68	Per Bu.	88
9 SORGHUM, grain	2.37	Per Bu.	89
10 SOYBEANS, whole, raw	5.98	Per Bu.	90
Table 2. Supplements & Extenders			
11 COTTONSEED MEAL	10.12	Per Cwt	93
12 BREWER'S GRAIN, wet	35.58	Per Ton	24
13 BREWER'S GRAIN, dried	135.71	Per Ton	92
14 DIST. CORN GRAIN, dried	149.27	Per Ton	93
15 HOMINY FEED	4.93	Per Cwt.	91
16 CORN GLUTEN FEED	6.81	Per Cwt.	90
17 WHEAT BRAN	5.00	Per Cwt.	89
18 WHEAT MIDS	5.55	Per Cwt.	90
19 BEET PULP, dried	4.04	Per Cwt.	91

(Turn to Page A26)

dhia Pennsylvania Dairy Herd Improvement Association

Forage Testing Services Update

Pa. DHIA provides forage testing services through a cooperative effort with the Northeast DHIA forage lab. The analysis form lists the sample results on an "as sampled" basis and also on a "dry matter" basis. It is important to keep in mind that Pa. DHIA processes forage information using the "as sampled" TDN and the "as sampled" moisture.

Although the Northeast DHIA needs are different, Pennsylvania does not calculate records using dry matter results. The complete analysis is used by nutritionists, veterinarians, and dairymen for any number of reasons.

With that background as an introduction, the following statistics may prove a valuable resource for some of our readers. Keep in mind that the figures presented here are on a dry matter basis.

There was a total of 717 Pennsylvania forage samples processed in November 1990. For information or assistance, call your local Pa. DHIA supervisor or the DHIA service center at 1-800-344-8378.

HI-MOIST SHELL CORN

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	26	76.7	70.5--	83.0	6.3
Percent Crude Protein	26	9.1	8.2--	9.9	.9
Percent Available Protein					
Percent Adjusted Crude Protein	26	9.1	8.2--	9.9	.9
Percent A.D.F.	24	3.2	1.3--	5.1	1.9
Percent T.D.N.	24	86.8	83.8--	89.8	3.0

HI-MOIST EAR CORN

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	37	69.7	64.4--	75.0	5.3
Percent Crude Protein	37	8.6	7.7--	9.6	1.0
Percent Available Protein					
Percent Adjusted Crude Protein	37	8.6	7.7--	9.6	1.0
Percent A.D.F.	37	8.0	4.8--	11.3	3.2
Percent T.D.N.	37	83.1	77.6--	88.6	5.5

CORN SILAGE

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	247	35.8	28.3--	43.8	7.5
Percent Crude Protein	247	8.8	7.8--	9.8	1.0
Percent Available Protein	3	6.9			
Percent Adjusted Crude Protein	247	8.8	7.8--	9.8	1.0
Percent A.D.F.	247	25.9	21.6--	30.2	4.3
Percent T.D.N.	246	69.9	68.1--	71.7	1.8

MMG HAY

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	98	90.4	89.1--	91.7	1.3
Percent Crude Protein	98	12.0	8.5--	15.5	3.5
Percent Available Protein					
Percent Adjusted Crude Protein	98	12.0	8.5--	15.5	3.5
Percent A.D.F.	98	39.7	36.3--	43.1	3.4
Percent T.D.N.	98	59.8	57.4--	62.2	2.4

LEGUME HAY

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	20	89.3	87.8--	90.9	1.6
Percent Crude Protein	20	19.4	17.3--	21.5	2.1
Percent Available Protein					
Percent Adjusted Crude Protein	20	19.4	17.3--	21.5	2.1
Percent A.D.F.	20	32.6	29.6--	35.5	3.0
Percent T.D.N.	20	63.5	61.6--	65.3	1.8

MML HAY

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	56	90.0	88.7--	91.2	1.3
Percent Crude Protein	56	17.0	14.0--	20.1	3.0
Percent Available Protein					
Percent Adjusted Crude Protein	56	17.0	14.0--	20.1	3.0
Percent A.D.F.	56	36.7	32.7--	40.6	3.9
Percent T.D.N.	56	61.9	59.2--	64.6	2.7

GRASS HAY

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	64	90.9	89.8--	92.0	1.1
Percent Crude Protein	64	11.3	8.1--	14.6	3.2
Percent Available Protein					
Percent Adjusted Crude Protein	64	11.3	8 1--	14.6	3.2
Percent A.D.F.	64	39.2	35.8--	42.6	3.4
Percent T.D.N.	64	60.8	58.1--	63.5	2.7

LEGUME SILAGE

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	34	45.1	34.7--	55.6	10.5
Percent Crude Protein	34	21.2	17.9--	24.4	3.2
Percent Available Protein	34	19.0	15.5--	22.6	3.5
Percent Adjusted Crude Protein	34	20.1	16.5--	23.6	3.5
Percent A.D.F.	34	35.7	31.1--	40.2	4.6
Percent T.D.N.	34	61.4	58.5--	64.4	2.9

MML SILAGE

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	66	42.7	30.9--	54.5	11.8
Percent Crude Protein	66	19.4	15.7--	23.1	3.7
Percent Available Protein	66	17.1	13.1--	21.0	4.0
Percent Adjusted Crude Protein	66	18.1	14.1--	22.1	4.0
Percent A.D.F.	66	36.9	31.7--	42.2	5.2
Percent T.D.N.	65	61.7	58.1--	65.4	3.7

MMG SILAGE

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	51	39.5	28.1--	50.8	11.4
Percent Crude Protein	51	15.7	11.7--	19.6	3.9
Percent Available Protein	51	13.2	9.1--	17.4	4.2
Percent Adjusted Crude Protein	51	14.2	10.1--	18.4	4.2
Percent A.D.F.	51	40.5	36.3--	44.8	4.2
Percent T.D.N.	50	59.3	56.4--	62.2	2.9

GRASS SILAGE

Analysis	Number Of Samples	Average	Normal Range		St. Dev.
Percent Dry Matter	18	36.4	29.2--	43.6	7.2
Percent Crude Protein	18	13.0	10.2--	15.8	2.8
Percent Available Protein	18	10.6	7.6--	13.5	2.9
Percent Adjusted Crude Protein	18	11.6	8.6--	14.5	2.9
Percent A.D.F.	18	41.7	37.8--	45.7	3.9
Percent T.D.N.	18	58.8	55.6--	62.0	3.2

Legislators Get Assignments To Ag And Rural Affairs Committees

VERNON ACHENBACH JR.
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — The Agriculture and Rural Affairs committees of the state General Assembly have been set for 1991.

The final assignments to the committees were made recently. With the assignments come some change in leadership of the House committee.

Due to the successes of the Democratic Party during the past election, a number of freshman representatives have been installed into office and new faces have filled certain House leadership positions.

The elections maintained the Democrats in majority in the House and the Republicans as the majority party in the Senate.

The new majority chairman of the House Of Representatives' Agriculture and Rural Affairs Committee is Kenneth Cole, of Adams County.

Returning vice chairman is Ruth Rudy, of Centre County. The secretary is Andrew Billow, of Cambria.

Other Democratic representatives on the House committee are Edward Arnold, Lebanon; Curtis Bowley, Warren; John Broujos, Cumberland; Patricia Carone, Butler; Anthony Colaizzo, Washington; Jeffrey Coy, Franklin; Edward Krebs, Lebanon; William Lloyd Jr., Somerset; Sara Steelman, Indiana; Dan Surra, Elk; and Leo Trich Jr., Washington.

The House Republican minority chairman is Jesse M. Stairs, Westmoreland, and vice chairman is Arthur Hershey, Chester.

Other members include Thomas Armstrong, Lancaster; Alvin Bush, Lycoming; J. Scot Chadwick, Bradford; Daniel F. Clark, Juniata; Patrick Fleagle, Franklin; Edwin Johnson, Blair; Dennis Leh, Berks; and Paul W. Semmel, Lehigh.

The Senate Agriculture and Rural Affairs Committee is not much changed in leadership. It is once again chaired in the Republican majority by Edward Helfrick, of Northumberland County, and vice-chaired by Noah Wenger, Lancaster.

In the Democratic minority, the Senate committee chair is held by Patrick Stapelton, of Indiana County, and the vice-chair is Michael O'Pake, of Berks.

Other Republican party members are James Rhoades, Schuylkill; Roger Madigan, Bradford; John Peterson, Venango; and Terry Punt, Franklin.

Other Democrats include Anthony Andrezeski, Erie, and Michael Bortner, York.

The House and Senate return to session on Monday.

According to Shelia Miller, spokesperson for Sen. Helfrick's office, among the more probable major issues that may come before the Senate committee are proposed legislation concerning nutrient management and food safety and food labeling.

In addition, "We will be trying to safeguard agriculture's end of the budget in the face of this financial crisis we are facing. And if the governor does increase taxes, we want to be sure agriculture gets its fair share," Miller said.

Last year, in addition to some other laws, the legislature handled agriculture-related acts that concerned vehicular trespassing, especially on farm fields; dangerous dog legislation to protect farmers from having to keep dogs tied up on their own property; extended the life of the farmland preservation program, addressed a conflict of interest for directors of the state program and clarified hazardous waste liability with farmland preservation; created exemptions for farmers for underground storage tanks; and passed a law that reduces the fee of hunting licenses to farm owners who allow public hunting and makes additional funds available for land management for deer.

The House agriculture committee met for the first time last week and oriented new members to the department of agriculture.

According to Steve Crawford, spokesperson for Rep. Cole, among the issues the committee sees as priorities during the 1991 session include land use provisions; seeking to improve the farmland preservation law; looking closely at nutrient management proposals so that it reflects the ability of farmers to comply; examining egg refrigeration; seeking admendments to the Pennsylvnaia Commodities Marketing Act as requested by the various marketing boards; agricultural labor; protecting farmers with regards to animal rights extremists; and seeking to ensure food safety without giving in to emotionalism.

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Soil Management, Mother Nature Determine Corn Club Winner

ANDY ANDREWS
Lancaster Farming Staff

ANNVILLE (Lebanon Co.) — Successful ingredients in growing a champion include a great deal of soil management, knowing what the best seed hybrid is, reading up on the latest chemical fertilizers and pesticides available, and hoping that Mother Nature is kind to you.

That's what Lee Hitz, of Sky Meadowns Farm, realizes. A successful several hundred acre cash cropper and 30-head Chianina cow/calf breeder, Hitz's "maximum economic yield" of 195.5 bushels of corn, taken out of his 10-acre plot of land, picked up the Pennsylvania 5-Acre Corn Club Award recently at the Farm Show.

Hitz picked up the award from the shelled grain class at more than three acres harvest size using the Pioneer 3241 hybrid and good land management.

But Hitz said that he didn't gc for maximum bushels per acre. He didn't set an ideal plot of land aside and cover it with manure and "do all kinds of tricks and stuff," he said. What he did was take ground that was "really depressed," said his wife, Elene, who manages a 150-head Chianina cow/calf steer operation for Eastern Land Resources. Lee farmed it as he farmed all other corn acres, she said.

Impressed with hybrid

"Very little was done any differently on that land," said Lee. "I'd say the hybrid had a lot to do with that high yield." Lee was "really impressed" with the hyrid — the first year that he used it — and combined that with good soil management and tillage practices to get the recognition.

Lee Hitz used the no-till method of planting the corn. "We fine-tuned our micronutrients and fertility program real well," he said. "I'd done a few things differently with the planter and the total fertility — getting the sulphur and nitrogen balanced, some micronutrients in the row, and other types of fertilizer."

Hitz rotates from corn to soybeans exclusively. Because of the large amount of nutrient-rich residue left over from both rotations, the crop benefits. In addition, the hybrid, which provides a high yield, also has a good deal of standing and health.

Hitz was happy with the support he received from Pioneer, and, based on the results, is "really sold on Pioneer."

Fertilizer applied

Hitz uses a high-grade, liquid in-row fertilizer with the seed and also applies fertilizer beside the row at planting (the award-winning crop was planted April 18). Toward the middle of June, liquid nitrogen fertilizer and sulphur is applied as a sidedressing — exactly when the crop needs it the most, according to Hitz.

He said that many hybrids could potentially yield about 300 bushels per acre — Mother Nature and other conditions permitting.

"All of our corn had the potential of yielding that," said Hitz. "We didn't treat that plot any special. So I guess what that means to me is that just kind of raises the average yield that I can expect from all my acres, now that I've fine-tuned things."

Hitz said that using the no-till method provides some challenges for farmers.

Higher level of management

"No-till takes a little higher level of management," he said. "You have to watch your planting depth a lot closer, you have to watch soil conditions and things to get a good stand and to get a good seed bed."

Compaction is one problem Hitz doesn't have to worry about, mostly because he keeps heavy equipment off of it before planting in the spring.

"The more you work the soil, the more you break down the natural tilth of it," he said. "And the more you break that down, the quicker it's going to compact. I haven't seen compaction problems — the key to that is staying off the ground in the spring."

Hitz said the winter freezing and thawing will make "the top of the ground mellow, where you're going to place the seed."

Through fields

"The first thing to go through our fields in the spring will be the planter," he said. "It's going to put the seed in the ground.

"We don't like to go ahead with any fertilizer or spraying because all that does is roll the top back down."

The rotation of the crop helps to stop the problems with corn rootworm experienced by so many corn growers the past year. The only insect Hitz encountered was the armyworm, with which he used pesticides to control.

Weeds also pose little if any problem for Hitz. Generally, he applies herbicide at post-emergence, and does a lot of scouting to determine what approach he'll use to control weeds.

Fine-tune management

In the end, Hitz said that farmers, in order to obtain a good yield, must "fine tune" their management.

"We're actually using less herbicides," he said. "I do my own spraying. The timing is critical, the application is critical."

This year, weed control was very good. A combination of spraying when needed and scouting for problems help put all weed and insect problems in check.

"Lee's very aggressive, too, in the knowledge of the chemicals available," said Elene. "Anything new he is very aware of, a lot of times more aware of than what the chemical dealers are."

Watched experimentals

Lee said that, sometimes, he would call up the chemical dealers and ask them about a particular chemical "they didn't even know they could get yet," he said. "We watched all the experimentals as they came down and tried to get our hands on anything that might fit in our operation on a small scale."

Hitz does a lot of reading and "stays on top of the industry publications," he said. "I've always been very interested in farming and I just read everything I can get my hands on."

The Hitz's have been involved with many industries, including the insulation business, trucking business, cash cropping, and custom work. Elene was once a milk tester for the Dairy Herd Improvement Association. She grew up on a Shorthorn farm in Campbelltown and went into the Chianina business with her husband about five years ago.

Now, custom work and the 150-head Chianina commercial operation consume a great deal of their time. Together with their 16-year-old daughter, Leigh (a junor at Annville-Cleona High School), the Hitz family continues to raise purebred and Chianina/Angus cross cattle. (Leigh won champion lightweight market steer at the Lebanon Fair in August. In 1986, she won her middleweight class at the Farm Show.)

Lee Hitz, of Sky Meadows Farm, is a successful large acre cash cropper and 30-head Chianina cow/calf breeder. His "maximum economic yield" of 195.5 bushels of corn per acre, taken out of his 10-acre plot of land, picked up the Pennsylvania 5-Acre Corn Club Award recently at the Farm Show. Hitz picked up the award from the shelled grain class at more than three acres harvest size using the Pioneer 3241 hybrid and good land management.

Manage cattle

For Eastern Land Resources, Elene manages 150 head of crossbred cows which are bred with the family's Chianina bulls. They also manage cattle for the same company in Annville.

Lee's philosophy is to raise the calves on just hay and grass pastures. They also operate a freezer beef operation, where the cattle are raised on only grain, with no added antiobiotics, growth hormones, or feed additives.

But the success of his crop is related to how much information the farmer can apply.

"As a farmer, you can only do the best you can with what you got," said Hitz. "Pick the hybrid that best suits the conditions you're going to plant it in. Then try to time your nitrogen application and the amount of it the best you can.

"But that's only half the crop," he said. "Mother nature makes the other half."

Elene Hitz manages a 150-head Chianina cow/calf steer operation for Eastern Land Resources. Here she tends Bo, a 6-year-old Quarterhorse, used to work the cows.

FOCUS

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.46 BU. 4.40 CWT.
Wheat, No. 2 - 2.66 BU. 4.44 CWT.
Barley, No. 3 - 2.06 BU. 4.41 CWT.
Oats, No. 2 - 1.43 BU. 4.46 CWT.
Soybeans, No. 1 - 5.40 BU. 9.02 CWT.
New Ear Corn - 61.73 BU. 3.09 CWT.
Alfalfa Hay - 101.75 BU. 5.09 CWT.
Mixed Hay - 86.00 BU. 4.3 CWT.
Timothy Hay - 82.75 BU. 4.14 CWT.

DISTRICT MEETING SCHEDULE

- **Jan. 29 — For the Central District,** comprised of Adams, Centre, Clinton, Cumberland, Dauphin, Franklin, Fulton, Huntingdon, Juniata, Mifflin, Montour, Northumberland, Perry, Snyder, Union and York counties, the meeting is from 9:30 a.m. to 3 p.m. at Family House Restaurant, in Mifflintown.
- **Feb. 12 — For the Southeast District,** comprised of Berks, Bucks, Chester, Lancaster, Lebanon, Montgomery, Northampton, and Schuylkill counties, the meeting is from 9:30 a.m. to 3 p.m. in the Berks County Agricultural Center.
- **Feb. 13 — For the Southwest District,** comprised of Armstrong, Beaver, Bedford, Blair, Cambria, Fayette, Indiana, Somerset, Washington, and Westmoreland counties, the meeting is from 9:30 a.m. to 3 p.m. in the Ramada Inn, in Somerset.
- **Feb. 15 — For the Northeast District,** comprised of Bradford, Columbia, Lackawanna, Luzerne, Lycoming, Sullivan, Susquehanna, Tioga, Wayne, and Wyoming counties, from 9:30 a.m. to 3 p.m., at the Towanda Elks club.
- **March 6 — For the Northwest District,** comprised of Butler, Clarion, Clearfield, Crawford, Erie, Jefferson, Lawrence, McKean, Mercer, Potter, Venango, Warren and Elk-Cameron counties, from 5 p.m. to 6 p.m. at the Days Inn Penn State, in State College.

(Continued from Page A24)

Table 3. Hay

20 LEGUME	97.80	Per Ton	87
21 MIXED, mainly legume	91.90	Per Ton	87
22 MIXED, mainly grass	73.86	Per Ton	88
23 GRASS	69.78	Per Ton	89

Table 4. Silages

24 CORN	27.67	Per Ton	34
25 LEGUME, haycrop	52.19	Per Ton	47
26 MIXED, mainly legume	47.80	Per Ton	46
27 MIXED, mainly grass	37.22	Per Ton	43
28 GRASS, haycrop	32.42	Per Ton	40
29 SMALL GRAIN	36.05	Per Ton	37
30 SORGHUM-SUDAN	29.85	Per Ton	34

Based on nutrient values in Penn State University Feeds Library.

Program by:
W.K. Waters, Dept. of Ag. Econ. & Rural Soc., Penn State University.

Keeping Pace With Dairying In The 1990s

VERNON ACHENBACH JR.
Lancaster Farming Staff

MT. JOY (Lancaster Co.) — The future of dairying in the 1990s, dealing with low milk prices and possible new technological tools has experts repeating a slogan that was popular just before the milk price increases: Be Better Managers.

About 75 dairymen attended a dairy seminar Thursday at the Country Pride Restaurant in Mt. Joy, one of a two-day, two-location series sponsored by Hutchison, Trayer & Reed Veterinary Services, Monsanto Agricultural Co., MSD-Agvet and ffed and nutritional suppliers of southeastern Pennsylvania.

The seminar included talks on BST with a two-farmer panel, heifer raising, Johnes disease update, ideas to improve reproduction, the importantce to using dairy records and a look at the future of dairying. Also included was a slide and talk presentation by Dr. Andrew Johnson, DVM, from Symour, Wis., a dairy veterinarian, production medicine authority and a prominent speaker.

The focus of all talks was to help area dairymen become better managers in order to survive low milk prices.

According to Glenn Shirk, Lancaster County Extension dairy agent, the low milk prices should continue. He predicted local 1992 prices to be about $12 per hundredweight.

However, Shirk qualified that proposal by saying that prices depend on a variety of possible affects, many of which are volatile, especially in light of the Gulf Crisis.

In the meantime, Shirk said that farmers can offset lower prices by carefully examining costs and prices and stressing making milk.

He explained that too many non-producing cows in the herd, too many replacement heifers and other drains on the farm finances can make the difference between making it or breaking it.

"Use stored feeds wisely, use it to the fullest advantage. Give the best feed to the best cows and store feed by quality. Don't waste on poor quality, cull excess heifers, and it's no sin in selling off poor quality feed and buying good quality feed," Shirk said.

He also said to use the many services that are available to them, the extension agents and lenders and consultants.

"You hear a lot of gloom and doom about the milk prices, but I'm confident we can make," he said.

Shirk's talk was echoed in a speah by Andrew Johnson, who said that farmers in Wisconsin are dealing with milk prices of $10.11. The average size farm is a 60-head stanchion operation.

He asked one question, "The dairy industry will survive, will you?"

Then Johnson proceded to entertain as well as inform with a number of sayings such as, "Whenever you lose interest at being better at something, chances are you already stopped being good at it."

He also predicted that by the year 2,000, there will be 3 million fewer cattle, average 17,800 pounds of milk and 51 percent fewer farms, nationally.

"The key is better, not bigger," he said.

According to Johnson, the current glut of milk is caused by the majority of dairymen who have a lot of low averaging herds, not the farms with high averaging herds. The low-averaging farms are also in poorer shape to make ends meet, because of the cost of their operation over profit.

He said that about 20 percent of the feed goes to raising heifers as replacement stock, something that little can be done to prevent, however, if a cow isn't performing well, he suggested culling.

He also suggested staying in touch with a local veterinarian and being involved with preventative medicine programs.

He called the total farm health program a "Total Production Medicine Program." He said that it would help a farmer to be profitable.

"The vet is the key to the farmers' future success."

The other presentations centered around the same type of philosophy. The BST backround, testimony and summary basically called for better managment, and only use it (if it becomes available) if it is profitable, not just a way to produce more milk.

Northeast DHIA Offers New Service

ITHACA, N.Y. — Crops to buy or sell? The Feed and Forage Marketing Network originally developed and run by Cornell Cooperative Extension, is now available through the Northeast DHIA Forage Lab.

The service provides listings of people looking to buy and sell hay, silage, grain crops, straw, etc. The listing is updated and mailed monthly. Listings will be by county in New York and by state outside of New York.

The primary benefit of this service is to bring potential buyers and sellers together. The listings will begin immediately.

The annual fee is $15. This includes receiving a monthly listing in the mail and unlimited advertising. During the year, you may list as many crops for sale as you wish. It is all covered under the annual subscription fee.

Contact the Northeast DHIA Forage Lab for more information at (607) 257-1272.

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Farm Calendar

(Continued from Page A1)

Pa. DHIA Central District meeting, Family House Restaurant, 9:30 a.m.-3 p.m.

Wednesday, January 30

1991 Pa. Vegetable Conference and State Horticulture Association meeting, Hershey Convention Center, Hershey, thru Jan. 31.

Bucks/Montgomery Crops Day, Family Heritage Restaurant, Franconia, 9 a.m.-3 p.m.

Greene Co. Dairy reproduction Workshop, Rostraver Grange Building, 9:45 a.m.-3 p.m.

York Co. 4-H raffle of champions, York 4-H.

Cecil Co. Md. Pesticide Conference, Delmar, Del.

Lancaster Co. Dairy Heifer Nutritional and Management School, Cochranville Fire Hall, 9:30 a.m.-3 p.m.

Annual State Horticulture meeting, Hershey Lodge and Convention Center, Hershey, thru Jan. 31.

Mount Joy Farmers Co-Op annual banquet, Country Table Restaurant, Mount Joy, 12 noon.

Lycoming/Tioga Crop Management Association annual meeting, Bonanza Restaurant, Williamsport, 10:30 a.m.

Bradford Co. farm income tax meeting, Extension Office, 8 p.m.-10 p.m.

Thursday, January 31

Mifflin Co. Dairy Nutrition School, Family House Restaurant, Mifflintown.

1991 Pa. Vegetable Conference and State Horticulture Association meeting, Hershey Convention Center, Hershey.

Basic Farm Records Workshop, Washington, 10 a.m.-3 p.m.

Elk Co. pesticide use and field crop management meeting, Montmorenci Grange, Ridgway, 9:45 a.m.-2 p.m.

Clearfield Co. DHIA Records Workshop.

Blair/Huntingdon Dairy Day, Alexandria Fire Hall, 9:30 a.m.-3 p.m.

York Co. weed control corn/soybeans, Kennard-Dale H.S., 7:30 p.m.

Soil Nutritional Management Clinic, Conference Center, Penn State Schuylkill Campus, Schuylkill Haven, 7 p.m.-9 p.m.

Washington Co. Basic Farm Records Workshop, Courthouse Square, Washington, 10 a.m.-3 p.m.

Montgomery Co./Southeast Commercial Greenhouse Miniconference, Montgomery Co. 4-H Center, Creamery, 9 a.m.-2:45 p.m.

Perry Co. annual meeting, Messiah Lutheran Church, Elliottsburg, 7 p.m.

Lancaster Co. Home Horticulture Seminar, Groundcovers, Farm and Home Center, 7:30 p.m.-9 p.m.

Mid-Atlantic Soybean Association annual winter meeting, Tidewater Inn, Easton, Md., 9 a.m.-3:30 p.m.

Chester Co. Crops Day, Guthriesville Fire Hall, Guthriesville, 9:30 a.m.-3 p.m.

Friday, February 1

Pa. Junior Holstein Convention, Sheraton Berkshire, Reading, thru Feb. 3.

Berks Co. Crops Day, Berks Co. Ag Center, 9:30 a.m.-3:30 p.m.

PDA (York Co.) pesticide application testing, Pleasant Acres Complex, 8 a.m.

Saturday, February 2

Pa. Junior Holstein Convention, Sheraton Berkshire, Reading, thru Feb. 3.

Stallion Preview, Justaplain Farms, Cochranville, 10:30 a.m.-4:30 p.m.

Berks Co. Dairy Day, Berks Ag Center.

Chester Co. 4-H Livestock awards banquet, Devereux Soleil Farms, 7 p.m.

Ephrata Area Young and Adult Farmer's Association annual banquet, Durlach-Mt. Airy Fire Hall, 6:45 a.m.

Butler Co. annual meeting, Garden Gate Restaurant, Butler, 11 a.m.

Sunday, February 3

Pa. Junior Holstein Convention, Sheraton Berkshire, Reading.

Monday, February 4

Keystone Cornucopia, Harrisburg Hilton, 6:30 p.m.

Tioga Co. Ag Security Area meeting, Tioga Co. Fairgrounds, Whitneyville, 1 p.m.-3 p.m.

Tuesday, February 5

Susquehanna Co. Regional Dairy Management Seminar, Shadowbrook Restaurant, Tunkhannock.

Lancaster Co. Cattle Feeder's Day, Farm and Home Center, 9:30 a.m.-3 p.m.

Pa. Young Farmer's 1991 Winter Conference, Days Inn, State College, thru Feb. 7.

York Co. Conference For Employers Of Farm Labor, Gettysburg, 8:30 a.m.-3 p.m.

Capitol Region Turf/Ornamental School, Holiday Inn, Grantsville.

South Jersey Dairy Conference and Trade Show, Elmer Grange Hall, Pole Tavern, N.J., 7 p.m.-11 p.m.

Tioga Co. Dairy Management Seminar.

Wednesday, February 6

Cambria-Somerset winter potato educational meeting, Richland Mall Community Room, Johnstown.

Berks/S.E. Cattlemen's Association Beef Feeders meeting, Midway Diner, 5:30 p.m.

Adams Co. Regional Dairy Seminar, Cross Keys Diner, New Oxford, 9:30 a.m.

York Co. Regional Dairy Day, Cross Keys Diner, New Oxford, 9:30 a.m.

Blue Ball Bank Ag Seminar, Blue Ball Fire Company, 9:45 a.m.-3 p.m.

Pa. Young Farmer's 1991 Winter Conference, Days Inn, State College, thru Feb. 7.

Turf Management School, Lehigh Co. Ag Center, 7 p.m.-9 p.m.

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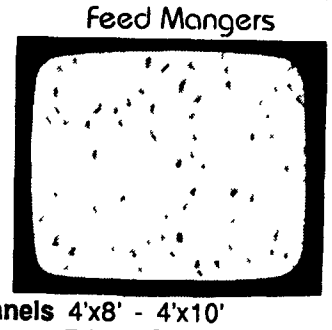

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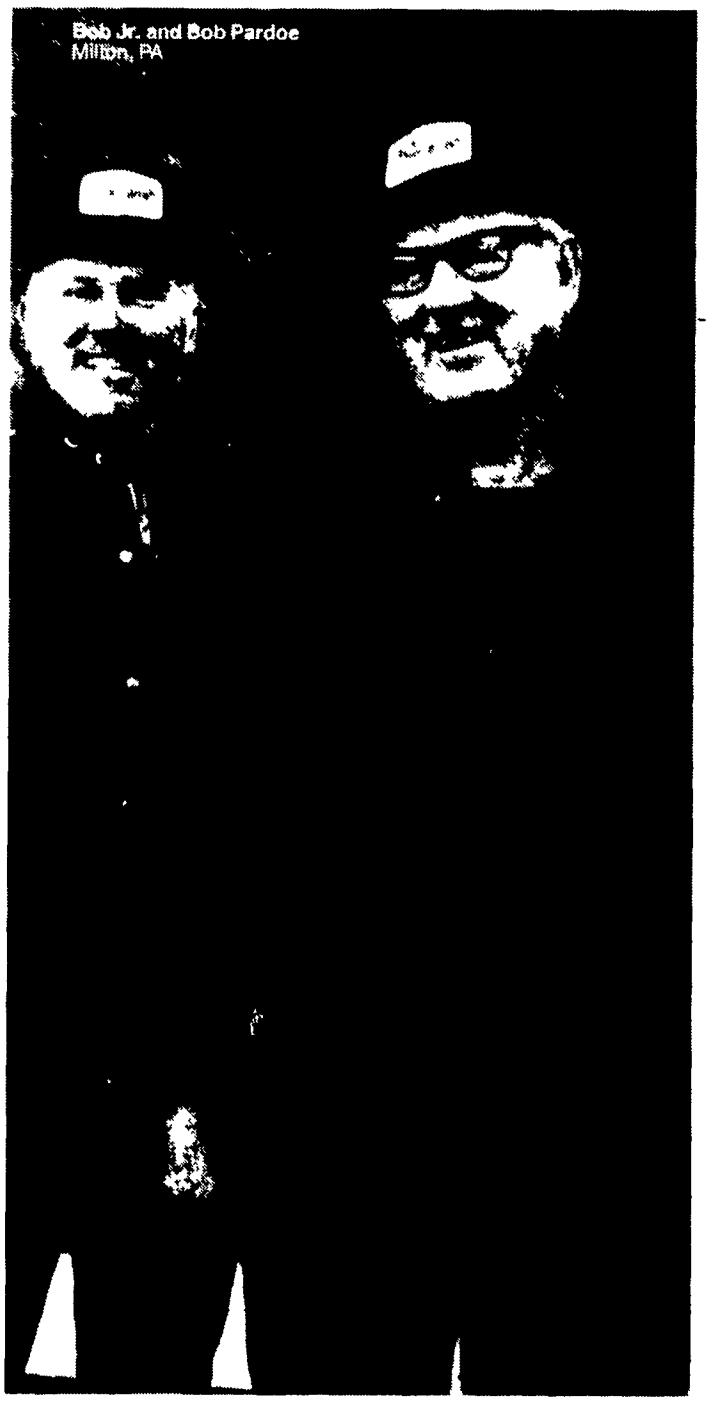

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Ephrata Area Young Farmers Elect Officers, Plan Banquet

EPHRATA (Lancaster Co.) — The Ephrata Area Young and Adult Farmers' Association (EAYFA) 22nd annual banquet will be highlighted with the installation of new officers elected at their January 15th monthly meeting. The banquet will be held at the Durlach-Mt. Airy Fire Hall on Feb. 2, beginning at 6:45 p.m. The program will include a welcome and introduction of guests, greetings from the FFA by Keith Zimmerman, remarks and installation of officers by PA Young Farmer Vice President Wesley R. Heckman of Mercersburg, and presentation of special awards.

The new EAYFA officers are:

• President: Leonard H. Martin, 53 Hahnstown Rd., Ephrata. Leonard, his wife Joyce, and three daughters milk 50 Holstein cows and farm 110 acres of corn, alfalfa, and wheat. They are members of the Hinkletown Mennonite Church.

• President-elect: Nevin S. Horning, 302 Buch Mill Rd., Lititz. Nevin and his wife Denise milk 45 cows and farm 80 acres of corn and hay. They are members of Metzlers Mennonite Church.

• Secretary: Philip E. Risser, 40 W. Oregon Rd., Lititz. Phil and his wife Lisa have a 2-month-old son named Brad. They operate a 100-acre dairy farm consisting of 65 cows, 50 heifers, corn and alfalfa.

• Treasurer: D. Neil Zimmerman, 100 Woodcorner Rd., Lititz. Neil feeds out about 135 steers a year and farms about 70 acres of corn, 20 acres of barley and soybeans. He is active in the Hammercreek Mennonite Church.

• Public Relations Director: Daryl L. Martin, 626 Millway Rd., Lititz. Daryl and wife Dawn have three children, Malinda, Brian, and Nathan. They are a major work force in the family farming operation, consisting of 700 feeder cattle per year and 800 acres of corn, soybeans, tobacco, and alfalfa. They attend the Middle Creek Brethren Church.

The banquet committee consists of the following retiring officers: President Kerry E. Boyd, Vice President John M. Bollinger, Secretary Leonard H. Martin, Treasurer Clair M. Beyer, and Public Relations Director James D. Hess. Charles Ackley is the adult farmer instructor and EAYFA advisor.

The new Ephrata Area Young and Adult Farmers' Association members are, seated, from left, Leonard Martin, president and Nevin Horning, vice president. Standing, left to right, D. Neil Zimmerman, treasurer; Phil Risser, secretary; and Daryl Martin, public relations director.

Invited To Enter Contests

HARRISBURG (Dauphin Co.) — The Pennsylvania Junior Jersey Cattle Club is accepting applications for the club's annual production and achievement awards. The awards will be presented at the PJCC Annual Meeting in April, at the Ramada Inn, Sharon, PA.

The club recently created a Pennsylvania Jersey Youth Achievement Award. Applicants for the award must own one or more registered Jerseys and be between the ages of 9 and 19 as of January 1, 1991. This award will be given for two age divisions: Junior Division, 9 to 13 years of age; and Senior Division, 14 to 19 years of age. The Senior Division winner will be entered in the National Jersey Youth Achievement Contest. Applicants should contact the Youth Program Coordinator for the appropriate application forms.

The club will also be awarding the Jacob M. Brunges Memorial Trophy for outstanding milk production. Jersey Juniors can nominate their registered Jerseys on official DHI or DHIA test for these awards. Members should submit an official individual cow record (blue form) which bears an issue date from 1/1/90 to 12/31/90. This form is required to give contest officials a 305 2x mature equivalent value for the records submitted. Contestants are allowed to enter only one record per year. The winning records will be forwarded to the National Jersey Youth Production Contest.

Several other contests are open to Jersey juniors. The club will select an outstanding scrapbook award in two age divisions, 9 to 14 years of age and 15 to 19 years of age. The scrapbooks are to pertain to each contestant's Jersey project during the 1990 calendar year. The scrapbooks will be evaluated on both the quality and quantity of their contents along with the artistic skill and creativeness shown in their development.

An outstanding first year project award will also be selected. This contest is open to active Jersey members of an organized 4-H club, who are 9 to 12 years of age. Contestants are required to submit their official Project Record Book along with a handwritten story entitled, "Highlights of my First Jersey Project Year."

Finally, a $200 scholarship is available to Jersey youth attending a college or who are high school senior planning to enroll in a college program within one year of high school graduation. Applicants must have been actively involved with Jersey Cattle for at least 2 years prior to their date of application. Interested juniors can contact the Youth Program Coordinator for further information and application forms.

All of these award entries, production records, scrapbooks, and the like, must be submitted by Febraury 15, 1991 to: Betsy Dupuis, Youth Program Coordinator, 58 Beacon Drive, Harrisburg, PA, 17112. Further information about these awards can be obtained by contacting Dupuis at (717) 540-1687 (H) or (717) 787-6903 (W).

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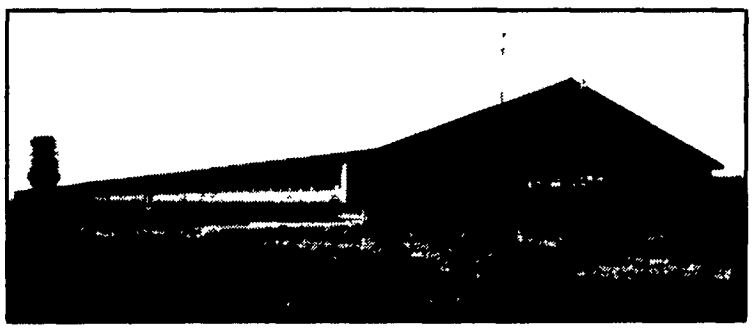
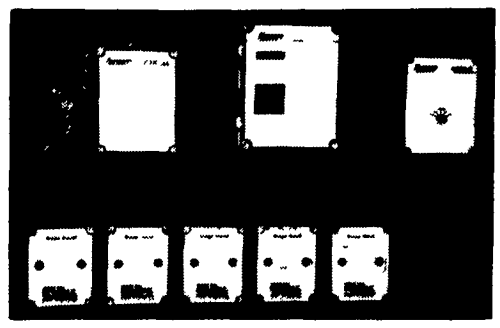
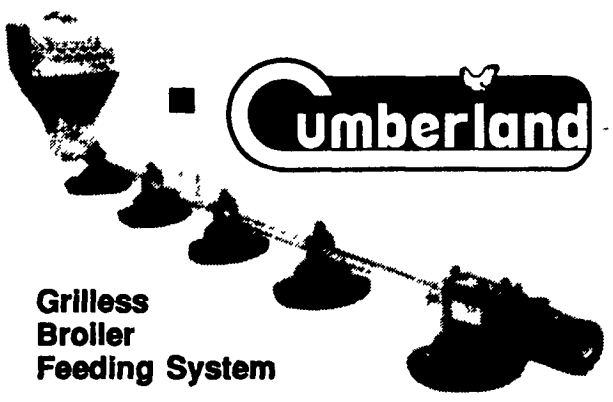


EXTERIOR VIEW



VENTILATION COMPUTER

INTERIOR VIEW



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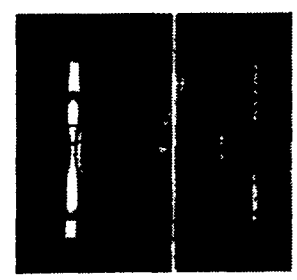

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Bright Spots Appear In Gloomy Dairy Outlook

KARL BERGER
Special Correspondent

FREDERICK, Md. — Even as local dairy farmers face the lowest federal order prices in more than a decade, there are a few bright spots in the regional dairy outlook, according to industry analysts.

• The Pennsylvania Milk Marketing Board has increased its statewide Class I milk premium by 30 cents, to $1.35 a hundredweight.

• A plan for implementing three-class pricing in the Northeast is on schedule and expected to be in place by March. Implementation will mean several extra cents for dairymen under the federal orders' pooled payments.

• Costs for major feed ingredients, such as corn and soybean oil meal are below year-earlier levels and should remain cheaper throughout the year.

These benefits may seem paltry in comparison to farm milk prices that are now $4-5 lower than they were a year ago. But prices this low are not likely to last long, making the outlook for 1992 decidedly brighter, according to Jim Fraher, an economist for Atlantic Dairy Cooperative.

The size and swiftness of the turnaround in milk prices has alarmed many farmers. Just a year ago, in Decmeber 1989, the bellwether Minnesota-Wisconsin manufacturing milk price reached a record $14.93. Now the M-W, used by the U.S. Department of Agriculture to set prices in its nationwide federal order system, stands at $10.19 after December 1990, having set a record for a one-year decline.

Nevertheless, the underlying fundamentals of the market are not that bearish, according to Fraher. Production has risen as much as four percent over year-earlier levels and continues to outpace demand. But the current surplus is "not the real heavy surpluses we saw in the early 1980s and it's not going to take that much to get us back to a healthy situation," he said.

Fraher predicts the M-W will bottom out this spring at the support price, $9.90 for milk containing 3.5 percent butterfat. He also estimates the M-W will gain as much as $1.60 during the fall, to peak at about $11.50. These assumptions translate into an average blend price of $12.03 for 1991, which would mark a whopping 16-percent decline from the 1990 average.

Fortunately, farmers will get some breaks in their cost of production, as lower purchased feed costs balance increases in inputs such as fuel and fertilizer, according to Jack Wysong, an economist at the University of Maryland. He added, however, that the expectation of lower corn and soybean prices is based on the assumption of a normal growing season.

Also on the bright side is the recent decision by the Pennsylvania Milk Marketing Board to increase the extra money regulated dealers have had to pay farmers for Class I milk. The board's decision, effective Dec. 1, 1990, boosted this "over-order" premium by 30 cents, to $1.35 a hundredweight. It will remain in effect until at least the end of June, according to Tom Kugle, a spokesman for the board.

The marketing board's jurisdiction is limited to certain handlers in Pennsylvania. Nevertheless, its premiums, which are added on to the minimum prices set by federal orders, have set the over-order standard throughout the Mid-Atlantic area since they were first initiated in September 1988. The extra money has helped cushion area dairymen from some of the decreases caused by lower prices in the upper Midwest, Kugle noted.

A few extra cents also will result from the implementation of three-class pricing in federal orders 1, 2 and 4, the three marketing orders in the Northeast. USDA officials have issued a final decision in favor of the change and it has been approved by cooperative bloc vote in Order 4, the Middle Atlantic order. Should dairymen in northern Pennsylvania and New York regulated under Order 2 okay the plan in a current referendum, it will be implemented sometime this spring, Fraher said.

The change would split the current Class II category into a new Class III to price milk used in most cheeses and a revised Class II to price milk used for so-called soft products, such as yogurt and sour cream. The Class III price will be the same as the current Class II price. The new Class II price, which will affect about 15 percent of all milk in Order 4, for instance, will be 10-15 cents more. The bottom line for dairymen, Fraher said, will be an extra 1-2 cents a hundredweight.

On the other side of the ledger, farmers will have to pay an assessment of five cents a hundredweight in 1991 and at least 11.25 cents in 1992 as a result of the deal on the federal budget. But they can get their money back at the end of the year if they can prove that their annual production has not exceeded the total from a year ago, Fraher noted.

Hershey To Host 1991 Vegetable Conference

HARRISBURG (Dauphin Co.)— More than 700 vegetable growers from throughout Pennsylvania will gather at the Hershey Lodge and Convention Center for the 1991 Pennsylvania Vegetable Conference and Trade Show January 29-31.

The conference will be held concurrently with the 132nd annual meeting of the State Horticultural Association of Pennsylvania, the state fruit growers association. The state horticultural societies of Maryland and New Jersey also meet in conjunction with their fellow fruit growers from Pennsylvania. In all, more than 1,600 persons are expected to attend the three-day meetings.

During the conference, vegetable growers, industry specialists and university researchers will conduct seminars on all phases of the vegetable industry. More than a dozen pesticide applicator update training credits are available to growers attending the sessions.

Sessions on January 29 will cover processing and fresh-market production methods including disease control, transplants, irrigation, rotations and new varieities, as well as sustainable agriculture, food safety, and farm business management. Bedding plant production and marketing sessions will be featured on January 30, along with sessions on general vegetable culture and small fruit diseases. January 31 will be devoted to small fruit production and marketing topics.

This year's conference will also focus on Integrated Crop Management (ICM) techniques for vegetable growers with an all-day short course on January 31. With increased public concern about pesticide use and food safety, ICM examines ways to optimize crop production in an economically and ecologically sound manner.

More than 100 exhibitors will display the latest in equipment, supplies, and varieties for both fruit and vegetable growers at the trade show. The processing tomato growers with the highest yields for the 1990 season will be honored at the annual Tomato Awards Luncheon on the opening day, January 29. The members of the Pennsylvania Vegetable Growers Association will discuss the growing problem of deer crop damage and research funding at their annual business meeting on January 30.

The conference is sponsored by the Pennsylvania Vegetable Growers Association and the Pennsylvania State University. For more information on the program, contact your county extension office or the Pennsylvania Vegetable Growers Association, RD 1, Box 392, Northumberland, PA 17857-9723, (717) 473-8468.

Convention Schedule of Events

Thursday, Feb 21

10 a.m. — 6 p.m. Registration
1 p.m. — 5:30 p.m. Dairy Bar Open
1 p.m. — 5:30 p.m. Art Contest Open for Viewing
1 p.m. — 2:45 p.m. Board of Directors Meeting
1 p.m. — 5:30 p.m. Commericial Exhibits Open
3 p.m. — 5 p.m. Program:

• Holsteins Breeders — Supporters Of Animal Welfare. Panelists include Linda Detwiller, spokesperson for APHIS, in Washington, D.C.; Mable Owen, director of Division of Animal Health, Boston, Mass.; Dr. Stanley Cutris, department head, Dairy Science, Penn State University; Dr. Thomas Hartstock, extension livestock specialist, University of Md.

6 p.m. Social Hour
7 p.m. Convention Banquet:
•Guest speaker Cynthia Kereluck, 1984 Miss Canada, Middle Atlantic Milk Marketing Agency's spokesperson. Entertainment by "Shucks," a six-piece country show.

Friday, Feb. 22

8 a.m. — 5 p.m. Registration
8 a.m. — 4 p.m. Dairy Bar Open
8 a.m. — 5 p.m. Commercial Exhibits Open
8 a.m. — Noon Tour:
•Rothrock Golden Holsteins and Plushanski Farms. Box lunch en route.
10 a.m. — 1:30 p.m. Ladies Program and Luncheon: Oley Valley Redware Presentation, Vanity Fair Fashion Show, followed by outlet shopping.
1 p.m. — 4:30 p.m. PHA 78th Annual Meeting
3 p.m. — Guest Speaker:
•Wally Lindskoog, Arlinda Holsteins, Turlock, Calif., "Stewardship — Wally Lindskoog's Walk with God."
5 p.m. — 6:30 p.m. Pre-sale Buffet
7 p.m. — Convention Sale in Ballroom

Saturday, Feb. 23

7:30 a.m. — Awards Breakfast
9 a.m. — Awards Program with Guest Speaker:
•John Tenneson. co-owner of Skagvale Holstein Farms, Sedro-Wooley, Washington.

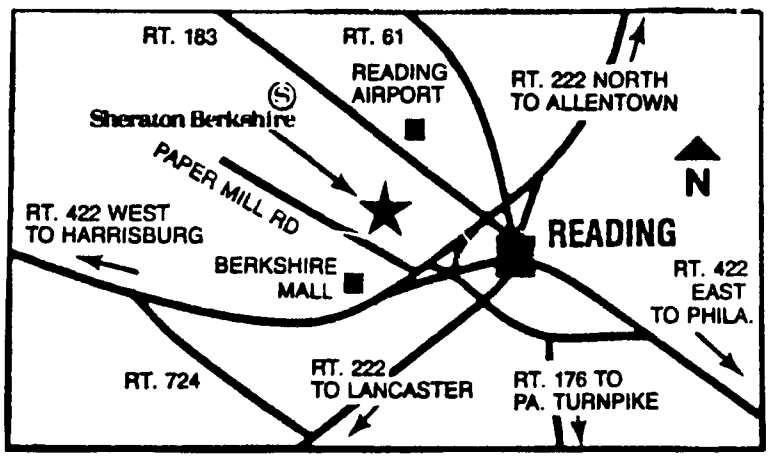
Holstein Convention Offers Full Agenda

STATE COLLEGE (Centre Co.) — The 1991 Pennsylvania Holstein Association convention at the Sheraton-Berkshire Hotel in Reading has a full agenda with entertainers, an art contest, tours, and several speakers, in addition to awards presentations and an annual business meeting.

The three-day event is to run from Thursday, Feb. 21 through Saturday, Feb. 23. Deadline for tickets is Feb. 6. Room reservations must be made by Jan. 31. Ticket prices vary, depending on the number of events to which attendance is desired. At most, a full complimentement of tickets for events possible costs $60.50 (See ticket form in this issue).

The Sheraton-Berkshire has 180 rooms with large meeting rooms, two restaurants and an indoor swimming pool. It is located just west of Reading on the Rt. 422 bypass at the Paper Mill Road Exit.

All Holstein enthusiasts are invited to this convention program.



Map To Sheraton-Berkshire

1991 Pa. Holstein Association
Convention Ticket Order Form
(Deadline for tickets is Feb 6)

Convention Banquet
I would like _____ tickets at $22 each _____

Ladies Program and Luncheon
I would like _____ tickets at $15 each _____

Farm Tour and Lunch
I would like _____ tickets at no charge

Pre-Sale Buffet
I would like _____ tickets at $15 each _____

Awards Breakfast Program
Full Breakfast
I would like _____ tickets at $8 50 each _____
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Keeping It Simple Is Secret To Good Production

LINDA WILLIAMS
Bedford Co. Correspondent

MARTINSBURG (Bedford Co.) — Take some good land, good forage, good management, and a clean barn, then keep things as simple as possible and it should all add up to a high milk production record.

At least it works that way for Byron and Delma Over of Martinsburg RD. The Overs were the top milk and protein producers in Bedford County for 1989.

Dan Over feeds the cows at the Over dairy farm.

A cat enjoys the warmth of the milk as it runs through the pipelines and into the bulk tank at the Byron Over farm. It's a trait of the pet that the family enjoys each milking time.

It's a record they've set before and the Overs have placed in the top 10 in Bedford County every year since the early 1960s.

A wall in the farm house family room is lined with ribbons and certificates attributing to their outstanding and continued record setting.

Farming has been in their blood for many generations. Byron grew up on one of the two farms he now owns and Delma is the daughter of an active farm family in Loysburg. They live in the original Over farm house.

The couple farms 170 acres and milks 62 registered Holsteins. Helping them is their herdsman, Dan Over, who selects the sires and takes care of the breeding.

"We had two daughters," Delma said. "They grew up in 4-H and FFA and always helped on the farm, but then," she said with a smile, "some boys came and took them away."

One daughter married a farmer and the other is an insurance agent for Pennsylvania Farm Insurance.

Bedford County records indicate that the Overs had 89.1 cow days in milk in 1989. They had 21,850 pounds of milk. Fat percentage was 3.6; protein pounds, 702; and fat pounds, 797.

Byron says he feeds his herd a high moisture diet of shelled corn with a soybean supplement added. The diet is set according to agricultural recommendations for good production in a milking stable with a loose housing setup.

Herdsman Dan Over washes teats with a clean rag and hot soapy water at the Byron Over farm.

"We've had very few problems with our cows over the years," Byron said. He attibutes much of the success they have experienced in farming to cleanliness.

"Our mastitis record is extremely low," he said, "I think it must have something to do with keeping the barn clean."

The three farmers at the Over farm all turn out to help with milking chores. The cows' teats are washed individually with a clean rag. Byron said this is something he learned from his dad, it keeps germs from spreading.

As all farmers know, keeping a barn clean is not an easy job. At the Over farm, when cows do what cows will do, someone is quick with the shovel, keeping the manure out of the main walkway. "If you keep after it, the job is easier," Byron said.

"All of our cows do good overall," said Byron. "But last year we did have two, a mother and daughter, that produced more than 1,000 pounds of butterfat."

The Overs are not particularly discouraged over the recent decline in milk prices. "It's all in supply and demand," Delma said. "When the demand increased, prices will go up again."

The two consider farming a complete partnership. "We do all of the work and planning together," Byron said.

They belong to the Bedford County Holstein Association, the Pennsylvania Farmers' Association, DHIA, and are active in the Woodbury Church of the Brethren.

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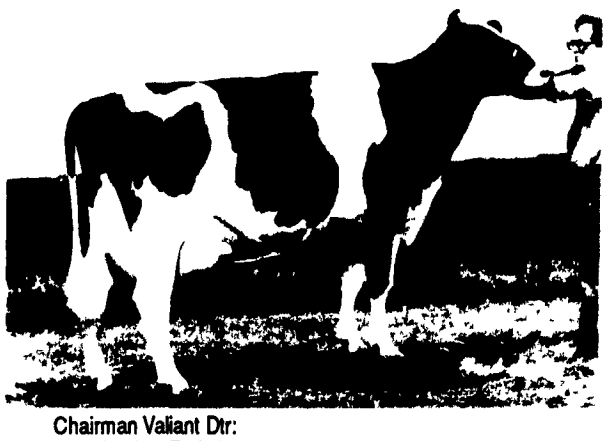

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Tri-State's January 1991 Proof Results

SIRE	PROTEIN $$	PROTEIN %	PROTEIN LBS.	PTA $$	PTA MILK	PTA %	PTA FAT	PTA REL.	PTA CY$	PTA CFP	TYPE PTAT	TYPE REL.	TYPE TPI
14H 1440 Fast Future	+412	-.07	+97	+438	+3603	-.12	+103	77%	+383	+200	+ .84	71%	+1223
14H 1374 Best	+281	-.04	+69	+296	+2487	-.11	+ 66	71%	+258	+135	- .09	64%	+ 777
14H 1480 Idaho	+272	-.05	+54	+288	+2061	+.08	+ 91	75%	+284	+145	+ .01	65%	+ 834
14H 1460 Gambler	+266	+.01	+67	+265	+2068	-.01	+ 71	65%	+265	+138	+1.14	57%	+ 946
14H 1470 Double-Good	+237	-.10	+51	+269	+2310	-.13	+ 56	71%	+204	+107	+ .82	53%	+ 816
14H 1377 Aspirant	+226	-.05	+51	+241	+1946	-.05	+ 60	69%	+214	+111	+ .81	59%	+ 797
14H 1500 Belvedere	+226	-.04	+57	+240	+2091	-.13	+ 48	77%	+199	+105	+1.91	71%	+ 994
14H 1170 Bell Boss	+224	-.04	+53	+237	+1966	-.07	+ 55	94%	+207	+108	+ .95	83%	+ 812
14H 1400 Merchant	+218	-.07	+44	+239	+1867	-.01	+ 64	91%	+209	+108	+ .29	86%	+ 685
14H 0896 Devine	+212	-.16	+43	+261	+2469	-.24	+ 38	77%	+152	+ 81	+1.07	68%	+ 717
14H 1410 OJ	+202	+.06	+49	+188	+1212	+.13	+ 69	76%	+231	+118	+1.17	68%	+ 901
14H 1430 Haven	+199	+.00	+41	+201	+1322	+.12	+ 72	66%	+222	+113	+1.14	52%	+ 925
14H 1420 Skipper	+199	+.02	+52	+195	+1540	-.02	+ 51	75%	+198	+103	+1.65	68%	+ 842
14H 0910 Decal	+195	-.03	+37	+207	+1416	+.09	+ 70	86%	+210	+107	+2.34	83%	+ 905
14H 1160 Winken	+194	+.02	+50	+189	+1438	+.01	+ 53	88%	+198	+103	+1.66	69%	+ 901
14H 1580 Sterling	+194	+.02	+45	+189	+1298	+.09	+ 64	61%	+213	+109	+2.19	63%	+ 994
14H 1016 Famous	+192	-.07	+44	+214	+1891	-.13	+ 41	88%	+161	+ 85	+1.44	80%	+ 793
14H 0974 Chairman Valiant	+189	-.03	+57	+199	+1997	-.25	+ 20	73%	+141	+ 77	+2.44	73%	+ 878
14H 1009 Mark IV	+171	+.01	+50	+169	+1511	-.11	+ 31	80%	+152	+ 81	+1.60	80%	+ 765
14H 1033 Haden	+165	-.09	+35	+193	+1744	-.14	+ 34	79%	+131	+ 69	+1.65	76%	+ 706
14H 0652 Bear	+165	+.06	+35	+149	+ 735	+.23	+ 72	99%	+213	+107	+1.37	99%	+ 867
14H 1560 Electron	+162	-.01	+40	+166	+1360	-.04	+ 40	88%	+153	+ 80	+1.63	76%	+ 753
14H 1140 Gold Duster	+160	-.18	+37	+216	+2433	-.40	+ 2	98%	+ 66	+ 39	+2.54	96%	+ 706
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30 YEARS AGO

THIS WEEK

-John Kitch, Reinholds R1, district forester, was promoted in grade by the Pennsylvania Department of Forests and Waters Tuesday.

The promotion was one of 25 in the state's 20 forest districts, Secretary Maurice Goddard announced. The program of promotion and transfers throughout the state is planned to assist small woodlot owners to grow trees as a crop, Goddard said.

The program is aimed at increasing timber sales from state forests by 50 per cent.

There were two million acres in state owned forests and 1960 sales were nearly $700,000.

-Roy B. Herr, Pennsylvania Poultryman of the Year in 1959, was honored by The Lancaster County Poultry Association Monday night.

Herr was one of the founders of the association and served as president for 12 years. He was vice president during the first year of operation and moved to the top spot when the organization elected officers for the second year. He has also served as president of Pennsylvania Poultry Federation.

-An Elizabethtown R3 resident has been appointed to the Pennsylvania State University Extension Service Staff as an assistant county agent, it was announced this week.

Gerald H. Hess. who graduates from PSU today, will serve in Northampton County beginning Feb. 1, according to Extension Service Director, Dr. H. R. Albrecht.

Hess will be associated with County Agent Samuel D. Lewis in the Eastern office.

Hess, the son of Mr. and Mrs. Paul Hess, is a graduate of Elizabethtown High School. He majored in animal husbandry at PSU.

-Henry S. Mellott, formerly of Breczewood, Bedford County, began work this week with the Lancaster County Soil Conservation District.

Mellott, recently released from service in the army, reported for work on Monday. He will assist the office as a soil conservationist on farms requesting such service. His duties will include farm planning for soil and water conservation.

Farm Sells For Half Million

BROWNSTOWN (Lancaster Co.)—A 40 acre limestone farm nestled beside the developing outskirts of Brownstown in the heart of Lancaster County, sold for $12,550 per acre on Monday. The total price was $502,000.

Zoned agricultural, the farm owned by Leroy Z. Zimmerman had a frame house, large bank barn with feed lot, liquid manure storage and a bunk feeder for 100 head of steers. Other buildings include a new 50' x 64' insulated machine shop, two stave silos, grain bins and a corn barn. The farm features sewer connections up to the farm, but developers were out out of the bidding because of the ag zoning. But a number of farmers were in the bidding and David M. Zimmerman was the succcesful bidder.

More than 400 neighbors and buyers braved the cold and crowded into the shop for the sale. Paul E. Martin Auction Service conducted the sale.

Pseudorabies Program

(Continued from Page A1)

• Vaccination costs will be borne by the producer.

• The department will, subject to available funding, pay the herd veterinarian at the state's fee base rate for obtaining blood samples for pseudorabies tests required by the approved plan.

• The department will provide coordination with state and federal PRV regulations, will make application for available funds, and will encourage private veterinary practitioners to provide advice and assistance to swine producers participating in the program.

• A technical advisory committee will be established by the Pennsylvania Swine Producers Pseudorabies Eradication Committee to oversee the program, make recommendations for program adjustment as necessary, and make regular progress reports.

• The Department will assign a Bureau of Animal Industry veterinarian to coordinate the bureau and industry area vaccination program activities and will keep all necessary records to meet federal and national eradication plan requirements.

• The department will seek ways and means to facilitate marketing of PRV-quarantined swine to maximize market value and to assure biosecurity necessary to minimize the spread of PRV.

Pseudorabies is a herpes virus disease primarily affecting swine It can be transmitted to almost all other warmblooded animals except man.

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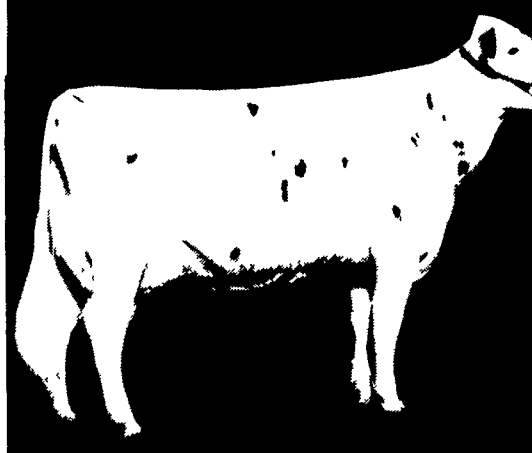

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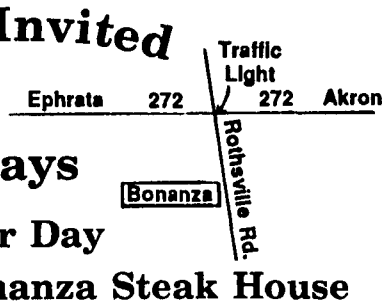

Tues., Jan 29 - Bonanza Steak House At Ephrata or

Wed., Jan. 30 - Midway Diner - Berks County,

501 North to 78 East, exit 5 or 419 North to 78 West, Exit 6

9:00 AM Registration, coffee, doughnuts

Meeting starts at 9:30 Sharp

Free Lunch At Noon

Topics - Update pesticide license

Joe Reed - From B.A.S.F. Chemical Company

Rod Dodds - On Corn, Alfalfa, Sorghum, Soybean Varieties, NC+ hay and silage inoculants from Biotal

Meeting Adjourns at 2:30 P.M.

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John Auker, RD 1 Box 295, Myerstown, PA, 717-933-5224

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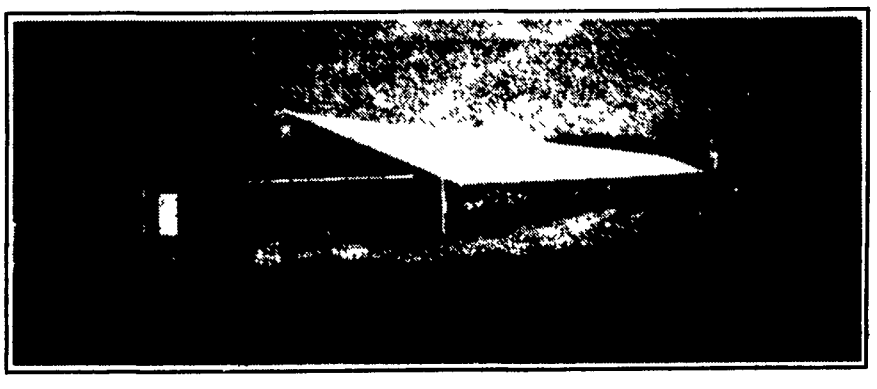

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Lancaster Farm And Home Foundation Reports Profitable Year

LOU ANN GOOD
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — "In Agriculture, I see more reasons for optimism than concern," Jay Howes told members of the Farm and Home Foundation.

Howes, director of Agricultural Services for the Lancaster Chamber of Commerce and Industry, was the keynote speaker for the Foundation's 27th annual banquet on Tuesday night.

Howes related ways the Chamber of Commerce and the Foundation work together for the benefit of the agricultural community.

He said that traditionally the Chamber recognized the strength of business in the county. His position as agricultural director was added to promote the county's number one industry — agriculture.

The Farm and Home Foundation partially funds the Chamber of Commerce's budget. Howes said that a planning commission is putting together a pilot program to promote local agricultural products. They have helped release a Food Watch TV spot that promotes the safety of food and plan to label county products to increase promotion,

Treasurer Richard A. Haas reported the Foundation has a positive cash flow with total liabilities and equity at $445,346. Operational costs for the past year were $137,00; income of $154,000 came from room rentals.

J. Irwin, Extension agent, reported that $1,000 scholarships were given this past year to 13 students pursuing agricultural or home economic degrees. This brings the total to 307 scholarships given since the Foundations was started in 1966. The scholarship money comes from the interest earned from the Elmer L. Esbenshade trust fund. The board gave approval for 14 scholarships to be given during 1991.

Members elected seven directors: Aaron J. Brubaker, Lancaster; Kenneth B. Garber, Willow Street; Joan Hershey, Mount Joy; Lilli Ann Kopp, Mount Joy; Jay E. Landis, Lancaster; Ida Risser, Leola; and Larry Skromme, Lancaster.

Directors with unexpired terms include: J. Clayton Charles, J. Leroy Esbenshade, James M. Garber, Richard Kreider, Henry Reist, Mary Shellenberger, David Garber, Richard Haas, Evelyn Hess, Robert Zook, Harold Rohrer, Kenneth Rutt, and Larry Weaver.

Kenneth Rutt, president of the Farm and Home Foundation of Lancaster County, right, stands with directors who were elected at the Foundation's annual banquet on Tuesday night. From left: Jay Landis, S. Joan Hershey, Ida Risser, and Larry Skromme.

Jersey Cattle Club To Select Queen

HARRISBURG (Dauphin Co.) — The Pennsylvania Jersey Cattle Club has announced plans to select a representative at their annual Queen Contest. The winner will be selected at the club's annual meeting in April, at the Ramada Inn, Sharon, PA.

The contest is open to all young ladies, ages 15 to 19, inclusive, whose parents are members of the Pennsylvania Jersey Cattle Club or who are members themselves of the Pennsylvania Junior Jersey Cattle club.

Contestants will be interviewed by a panel of judges and then required to give a 2 to 3 minute oral presentation at the Junior Awards Banquet. Application forms are available from Debbie Moose, Box 100, West Middlesex Road, Mercer, PA 16137.

The new Pennsylvania Jersey Queen will represent Pennsylvania in the National Jersey Jug Contest in Louisville, KY, in November of this year. She will also represent Pennsylvania Jersey breeders at regional and state Jersey shows, the Pennsylvania All-American Show, and the 1992 Pennsylvania State Farm Show.

Further information about the contest is available by contacting Debbie Moose at (412) 662-3924.

PSU Dairy Managment Seminar Set

HONESDALE (Wayne Co.)— Recent economic realities dictate that dairy producers be better managers than ever before. If you are interested in ideas to improve the profitability of your dairy farm, then attend the Penn State Dairy Management Seminar nearest you.

Four one-day seminars will be held in Pennsylvania. The seminars will focus on dairy farm labor, analyzing cow performance, cow comfort, nutrition and health problems. Mr. Tom Maloney, farm labor specialist from Cornell University and Mr. Rod Martin, a dairy systems engineer from Florida, will cooperate with Penn State personnel in conducting this program.

Pre-register early! Pre-registration is required and the deadline for registration is January 29, 1991. The registration fee is $22 and includes lunch and printed materials. The seminar will be presented at four locations. The locations and dates are: Feb. 5- Tunkhannock/Shadow Brook Motel; Feb. 6- New Oxford/Cross Keys Motor Inn; Feb. 7- Dubois/ Ramada Inn; and Feb. 8- Altoona/ Ramada Inn.

For more information and/or registration materials contact the Wayne County Cooperative Extension Office at (717) 253-5970 ext. 239.

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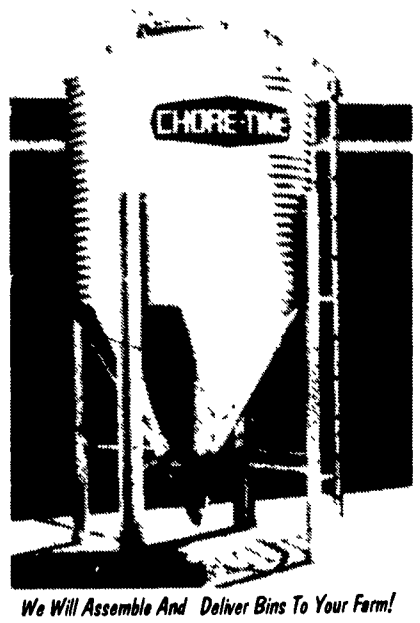

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Starting Out Alone With Help Of Landlord, Family

VERNON ACHENBACH JR.
Lancaster Farming Staff

ENDERS (Dauphin Co.) — The 28-degree wind whipped persistently on top of the almost treeless, hill-top dairy farm where Timothy Tobias rose at 5 a.m. to do his milking.

Head down against the wind, the 31-year-old Dauphin Countian made the 200-yard walk to the barn where most of the milking herd waited in their tie-stalls. There was warmer, almost 50-degree air circulating around them.

He was alone, just as he is many mornings, except for a small black and white dog tagging along. He has no wife to help with the bookwork, no children to help out with the chores.

David Trutt, a local part-time hired man, was expected to show up soon, but until this past summer, Tobias was completely alone for the milkings.

He turned the vacuum pump on in the milk house, and it began its rumble-hum. In the barn, the radio played.

This is the life he wants.

But it is not his farm.

Tobias is a renter. One of the many who, starting out in production agriculture without strong family financial support, have sought to find some method of breaking into the business.

In Tobias's case, he said he is lucky. He saved money for more than a decade, he also found a landlord who would to take him on and provide a wealth of ready information and guidance.

The cows and heifers are Tobias's. He invested in them, and continues to invest.

The landlords, Roy and Marie Wilbert, own the 113-acre dairy farm. Tobias rents the barn, house, silo, heifer barn and milking equipment.

The tenant and the landlord have formed a strong bond. Perhaps it is unique.

Unlike many who get into dairy farming, Tobias does not come from a farm family. His father is a welder.

It was living in Halifax, near a dairy farm, that spurred Tobias's interest into the dairy industry, he said.

"I grew up next door to Roger Campbell's. I was the neighbor kid who always hung around," Tobias said. He said he grew to really enjoy cows and tending them. Now he not only runs his own dairy herd, he is in his second term as president of the Dauphin County Dairy Herd Improvement Association (DHIA).

Up until 1986, the Wilberts ran a dairy farm. One of the best in Dauphin County, according to Tobias. And for health reasons, they had herd dispersal.

Timing was about perfect for both the potential landlord and tenant.

In high school, though not a member of 4-H and a member of FFA through vocational-technical school where he studied to work in a plant nursery.

While in school, he worked part time for Campbell doing chores at his dairy. For a while, during school and afterward, he worked at a nursery.

Then for five years he worked for another dairyman, milking, doing chores and helping out with some light fieldwork.

He then became a milk tester, a job he did for another five years. It was through being a milk tester for the Wilberts that the relationship began.

It has since blossomed into the current business arrangement.

In the arrangement, Wilbert does as the field work and hauls the manure. Tobias buys the forages and silages to feed his herd. The rent is paid on a cash basis.

During a recent rental and business arrangement seminar in Lancaster, officials offered advice and guidance about the many items that should be investigated before settling into a business arrangement; to look at the goals and needs of the two parties and the advantages and disadvantages of each plan.

Four types of landlord-tenant arrangements were presented in outline form, although, in practice, the farming world offers as broad a spectrum of business arrangements as there are people.

The Wilbert-Tobias business arrangement is a combination of two of the four types discussed during the seminar; it is a cash-only almost straight landlord-tenant operation, but the tenant owns nothing but the herd and buys all the forages he needs from the landlord.

According to an outline handout provided to farmers who attended the seminar, their are three major advantages to the type of arrangement Tobias is in: it spreads the risk of business between landlord and tenant; it is a relatively inexpensive way for a young farmer to enter the business; and the tenant farmer is assured of good quality feedstuffs for his dairy animals.

Tom Tobias feeds some of the young replacement stock housed in a portion of a Virginia-style shed. Tobias rents the property, and like other tenant farmers, must make do with what already exists on the farm. In this case, he said he is very satisfied with the property and landlord.

Possible disadvantages to the systems include uncertainty in duration of business, which could result in having a tenant who doesn't have the incentive to maintain rented equipment as well as if it were self-owned; not as much profitability for the tenant, though dependable income for the landlord because of the cash basis; and it requires a closer relationship between partners than another type of relationship might.

The extension agents who presented the information to both potential tenants and landlords, said that the main thing to remember when working out an arrangment is to iron out as much of the responsibilities, both work and financial, before settling on anything.

The agreement should then be presented to an accountant and an attorney.

Tobias and Wilbert used an accountant to figure out rents and costs.

However, above all else their successful arrangement is probably made possible through one element — mutual respect, understanding and friendship.

For Tobias and Wilbert, the arrangement has been working well.

"I was a milk tester for five years, so I got to know him real well during that time," Tobias said. "I've known him for five years."

The three of them, Roy, Marie and Tom, "sat down and talked it over," after the Wilberts had the herd dispersal.

Tobias's savings amounted to "half of what I needed to get started," when he entered into the arrangement four years ago.

And, being single, it wasn't easy for him.

"When I started, I went around and bought one herd of 19 . . . and small groups from around here.

"The first night I milked four cows. The next night I was up to 11. The following Saturday, I had increased to 34," Tobias said.

Now he milks 49, four of which are owned by someone else, has six dry cows, and about 40 heifers and calves.

All are Holsteins, except one Brown Swiss, which Tobias said is his best heat detector.

The first two years were rough on him. Two years of drought hurt crop production. Milk prices were low and crop prices were high, in addition to being low quality. And on top of that, Tobias didn't have enough cows milking to absorb the changes in income.

"I guess I was kind of fortunate, there were a couple of people around here who had heifers they wanted to keep, and they brought them here to freshen. I got to milk them for a while. That sort of helped me," he said.

And while any dairyman would be foolish to ever say the "rough times" are over, Tobias doesn't have it as rough as he did.

"The first two years, before the high milk prices, were from milk check to milk check," he said.

During that time, his parents would come help him milk, his mother would help with the laundry and cooking. If they couldn't help him out in business with money, they could offer what they could.

With the past year's higher milk prices, he could afford to hire Trutt for the morning milking and Steve Long, a high school student, to help with the evening milking.

And while some tenant dairymen don't particularly care to have the landlord involved with their business, Tobias said having Roy Wilbert living right there has helped him out many times, such as when having trouble with milking a just-freshened heifer . . .

Roy Wilbert has been his mentor.

Since 1986, Tobias has increased his herd, mostly with home-bred young cows, which are now in first, second, or third lactations.

There is a large age gap between the young ones and the older 13 cows he has remaining of what he had purchased.

The herd is split about evenly between registered and grade animals, and he put it on test Jan. 15 in 1987, "to give the cows a chance to adjust," he said.

Currently, the rolling herd average is about 21,705. His highest producing cow is an old Bossy who made up to 28,000 for him, but has no records at all. This past week she made 117 pounds on test day.

His culling isn't as hard as it may become, but he said he did get rid of one, that while she milked well, "she had a poor disposition. It got so that I was almost afraid to milk her. If she would have hurt me, I'd be alone here," he said.

The heifers and a portion of the milking herd are kept in a Virginia-style barn on a manure pack, at the far end of an exercise yard. Some pasture is available and more is to open up.

However, there doesn't seem to be much potential in expanding the 40-stall building for additional room. As it is with the number of cows he has, he now has to milk in two shifts.

He said he knows he should move them around according to groups, but, "There's a few who like it better out there. If I bring them in here (the barn), they stay standing."

(Turn to Page A35)

Tom Tobias shows off one of his young stock in his 4-year-old dairy herd, Talisman Valor Margot, a former 4-H project heifer he purchased. Tobias is a single tenant dairyman who owns the herd and buys forages and silages from his landlord, and is making it.

Agribusiness Responds To Survey

(Continued from Page A1)

sales and marketing. Production and processing was the second highest area with 18.4% of the firms planning to add personnel there. Of the 69 firms planning to increase personnel numbers in 1991, 84% of them indicated the increase would be up to 10%.

When considering candidates for salaried positions, 43% now utilize drug and/or alcohol testing; 53% report using pre-employment physical examinations; 25.1% use psychological profile testing and 17.9% use proficiency/ intelligence testing. None of these procedures are reportedly used in the hiring process by 26.8%.

Annual turnover rate for salaried positions was reported to be under 10% by 81% of the firms; 16.2% of the firms reported an annual turnover of from 10% to 15%.

Sixty percent of the respondents report using advertisements in trade journals and newspapers to identify prospective candidates for employment; 87% use referrals from employees or business associates, 36.3% use campus or college recruiting and 67% use executive search firms or personnel recruiters.

SUMMARY OF SURVEY RESULTS WITH 179 RESPONSES

1. 69 of 179 respondents (38.5%) indicated they plan to increase the number of employees in 1991. 89 (49.7%) indicated that employee numbers will remain about the same. 8 respondents (4.5%) indicated a reduction in employee numbers in 1991. 13 respondents (7.3%) indicated that no decision had been made.

2. 48 respondents (26.8%) indicated they plan to increase the number of employees in sales and marketing. 33 respondents (18.4%) indicated an increase in production and processing employees. 16 (8.9%) indicated plans to increase the number of technical and engineering employees. 16 respondents plan to add employees in administration and finance.

3. 58 respondents (32.4%) indicated plans to increase the number of employees by up to 10%. 8 respondents (4.5%) indicated increases of from 10% to 20%. 1 response indicated increases of from 20% to 30%. 2 respondents indicated plans to increase employee numbers by over 30%.

4. 2 respondents (1.1%) indicated plans to reduce the number of employees involved in sales and marketing. 5 respondents (2.8%) indicated reductions planned in production and processing personnel. 1 respondent indicated reductions in technical and engineering personnel. 2 respondents plan reductions in administration and finance personnel.

5. 6 respondents (3.4%) indicated planned reduction in personnel of up to 10%. 1 respondent plans reducing personnel numbers by from 10% to 20%. 1 respondent plans reducing personnel numbers by from 20% to 30%. No respondents indicated reductions of over 30%.

6. 45 respondents (25.1%) utilize psychological profile testing as part of the consideration process with hiring salaried employees. 32 (17.9%) use proficiency/ intelligence testing. 95 respondents (53%) use pre-employment physical examinations. 77 respondents (43%) use drug and/or alcohol testing. 48 respondents (26.8%) do not utilize any of the above.

7. 145 respondents (81%) indicated their annual turnover in salaried positions to be under 10%. 29 respondents (16.2%) indicated a turnover rate of from 10% to 15%. 1 respondent indicated a turnover rate of from 15% to 20%. 1 respondent indicated a turnover rate of over 20%. 3 surveys neglected to answer this question.

8. 12 (6.7%) of the respondents indicated a determination on whether or not a new salaried employee will perform to expectations can be made within 30 days. 41 respondents (22.9%) indicated it can normally be made within 60 days. 61 respondents (34.1%) indicated it takes over 90 days to make a determination. 3 surveys neglected to answer this question.

9. 108 respondents (60%) indicated that they use advertisements in trade journals and/or newspapers to identify prospective candidates for employment. 157 respondents (87%) use referrals from present employees or business associates. 120 respondents (67%) use personnel recruiting or executive search firms. 65 respondents (36.3%) use campus or college recruiting. 5 surveys neglected to answer this question.

10. 24 respondents (13.4%) indicated that they anticipate the greatest potential for growth to be in the Northeast. 61 respondents (34%) indicated the South has the greatest potential. 91 respondents (50.8%) indicated the Midwest. 34 respondents (19%) indicated the West. 2 respondents indicated that export will provide the greatest potential. 15 surveys gave no answer to this question.

Starting Out Alone

(Continued from Page A34)

Tobias said he likes being a tenant, especially with Wilbert, and the debt load is smaller than trying to pay off a farm. But he said he has had considered buying a place of his own.

"I though about buying a farm, but there's a lot more work owning a farm and keeping reliable help is difficult," the bachelor said.

With milk prices dropping so sharply, Tobias's desire to milk cows has to keep him going.

"My goal now is to keep a good herd of cows and make some money at the same time," he said.

He said he won't be expanding the herd or shooting for extremely high production.

"I plan to stay around 21,000 to 22,000 (pounds of milk rolling herd average), somewhere around there. I'm not greedy. I don't think I'd ever want a 27,000 herd. I don't know, it's too hard on the cows," he said.

In the meantime, he tests his forages and has his rations balanced, depending on what constituents he has available. He does not have a mixer.

As far as breeding, he said his herd needs a number of improvements, though he is just starting.

"I'm on a linear program with Atlantic Breeders. I breed for type and feed for production. These cows need improvement in their type and we're breeding for that," he said, adding that the feet, legs and udders are the focus for genetic selection.

Otherwise, he said he is content with his operation and doesn't look to the future too far.

He is flexible.

For others who may be considering a similar start, Tobias said that his situation "might be unique. I knew him (Roy) and we get along well. Everything depends on the two parties involved."

Dairy Farmers To Receive Uniform Price

NEW YORK — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during November 1990 will be paid on the basis of a uniform price of $12.52 per hundredweight (26.9 cents per quart); the price for the corresponding month last year was $15.28 per hundredweight.

Acting Marketing Administrator Ronald C. Pearce also stated that the price was $13.10 in October 1990. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund returned $2,295,983.76 (including $385,391.32 interest) to the dairy farmers' uniform price for November, or $.265 per hundredweight. The fund was generated by reducing the uniform price paid to producers during the high-production spring months.

A total of 13,150 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 866,715,126 pounds of milk during November 1990. This was an increase of 2.4 percent (about 20 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $111,110,611.21. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 380,955,127 pounds of milk for Class I, 44.0 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test, and skim milks. For November 1990, handlers paid $15.05 per hundredweight (32.4 cents per quart) for Class I milk compared with $15.65 a year ago.

All prices quoted are for bulk tank milk received from farms in the 201-210 mile zone from New York City.

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Harvestore Tour Visits Three Farms

Donald Bare talks about cows and feeding them with visitors.

Farmers like to smell the haylage to determine the quality of the feed on the Harvestore tour.

About 80 farmers braved the wind and cold Thursday, to go with the Penn Jersey Harvestore tour to three Lancaster County farms.

"You always learn something on these tours," one farmer said. "Everybody does the same thing with cows, and yet each one does it a little differently. We saw a large operation (six Harvestore structures and a slurrystore at Robert Rohrer, Sr. and sons, Washington Boro) and a nice compact operation (two Harvestor structures at Philip Shertzer, Lancaster)."

The third operation visited in the afternoon was the Donald Bare farm, Lancaster, with three Harvestore structures. Bare constructed a 2560 Harvestore structure this year for his 38 acres of doublecropped rye, his poorer quality alfalfa haylage and 28 acres of dry-seeded Sudax planted in with the dry fertilizer which was double-cropped with wheat. With two cuttings, 6 tons per acre were harvested. Many of the visitors on the tour were interested in the rye feed that is mostly fed to the heifers.

The milking herd was eating very good smelling haylage at the time of the visit. Bare's 84-cow herd is averaging 21,373 lbs. of milk with 755 lbs. of butterfat and 685 lbs. of protein.

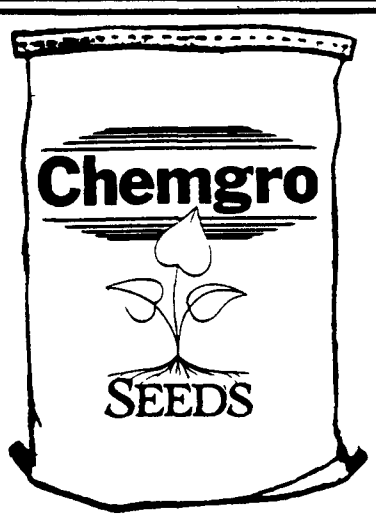
The Rohrers milk 340 cows in four production groups. The cows are and milked three times daily and the present herd average is 20,400 lbs. of milk with 710 lbs. of fat and 655 lbs. of protein. The cows are producing 67 lbs. of milk per day, a new high for the herd. Five full-time employees and some part-time help manage the herd. The Rohrers farm 400 acres and raise all the herd replacements.

Rye is double-cropped on 225 acres, they have 60 acres of alfalfa and the balance is used to grow corn. No baled hay has been fed since 1973.

On the Shertzer farm, 51 acres produce the crops to feed a 45-cow dairy herd and 40 heifers. The herd is fed TMR in one group and none of the cows are fed individually. The production average is over 19,000 lbs of milk and 725 lbs. of fat. When the tour visited this farm, very nice haylage that had been in the Harvestore for two years was being fed to the herd.

The tour was sponsored by Penn Jersey Products, Inc., New Holland.

The Double Spring Farm of Donald Bare, Millport Road, Lancaster was one of the stops on the Penn Jersey Products' Harvestore tour on Thursday.



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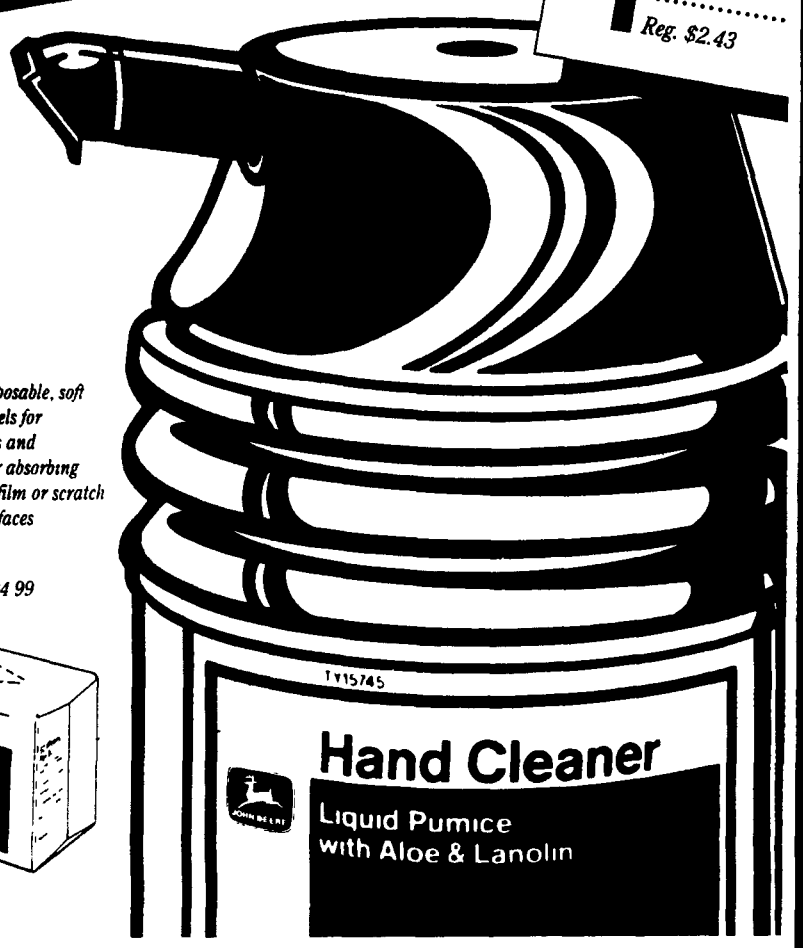

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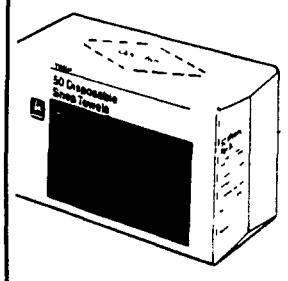

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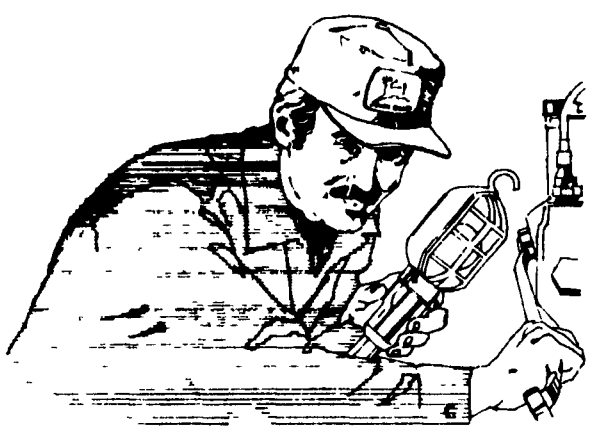

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Selling To Foreign Markets May Improve Milk Price

ANDY ANDREWS
Lancaster Farming Staff

QUARRYVILLE (Lancaster Co) — Falling milk prices have farmers worried — as they should be.

But if the industry and the U.S. government can somehow implement inventory management programs (to reduce the current 6.4 percent volume surplus on whole milk equivalents) by selling milk products in foreign markets, then perhaps dairy farmers won't feel as much of the coming crunch.

That was the word from Dr. Paul E. Hand, secretary and general manager of Atlantic Dairy Cooperative (ADC). Hand spoke to about 100 dairy farmers at the annual banquet Thursday.

"In the January 30 advance milk check, the amounts provided are, needless to say, much less than the 1990 level of pricing," he said. Hand blames the European Common Market (ECM) hold on the export market by selling subsidized milk at lower prices than can U.S. farmers in foreign markets.

Hand said that nonfat dry milk in Europe, once fed to veal calves, is being exported for human milk consumption. Because of a worldwide milk glut and as farmers enter the spring, milk prices will remain at basic support level — about 9.9 at 3.5 percent milk fat.

"The only positive note that we see is if there's some effort on the part of the European Economic Community to reduce production or to divert nonfat milk back to animal uses, which would require subsidization one way or another," he said.

The inventory management program, according to Hand, would include the following:

- Establishment of a National Dairy Board. The board, made up of milk industry representatives, would have the power to sell or move milk products in foreign markets.
- The use of two-tier pricing, such as that used by cooperatives in the Midwest.
- Special 1990 Farm Bill assessments, which would provide a farmer who doesn't exceed 1990 production in 1991 a 5 cent return.

The problems of milk pricing are based in part on the strong, free market during the past two years, according to Hand. There are greater swings in milk prices because of the nature of selling milk in a free market.

"1991 will be a pivotal year, peak to floor," said Hand. "A lot of farmers will find it difficult to survive. It will mean a lot of stress and a lot of new management techniques will have to be tried. A lot of producers will think twice about putting money into their dairy herds."

Curtis E. Akers, director of District 12 (comprised of the Quarryville and Strasburg-Paradise locals), said that the past fiscal year for ADC was the company's "most successful year financially to date, recording both the highest average producer payment price and the highest cooperative income."

ADC's net margin for the fiscal year ending July 31, 1990 was $7.8 million. Because of this "extra good year," said Akers, "we are going to return 40 percent to the members in the April dividend check." The check will be mailed approximately April 15.

At the meeting, officers and committee representatives were elected. They are, from the Quarryville local, James Kreider, president; Scott Mull, secretary-treasurer; Gerald De Long, Robert Groff, A. Dale Herr, Dale Umble, and Lloyd Welk, delegates; and Donald Herr, James Krantz, Robert Kreider, Delmar Neff, and Robert Wenger, alternate delegates.

From the Strasburg-Paradise local: Ray Ranck, president; Ben Clark, secretary-treasurer; Dale Hershey, Don Ranck, and Jack Coleman, delegates; and Ken Beiler, Charles Neff, and Allan Rohrer, alternate delegates.

Special 25-year recognition awards were also presented at the banquet. They were awarded to Donald and Doris Herr, Quarryville; Jacob S. and Mary Glick, Quarryville; and Curtis E. Akers, Quarryville.

Officers and committeemen of the Strasburg-Paradise Local of ADC District 12 were elected at a banquet Thursday. From left to right, Jack Coleman, delegate; Dale Hershey, delegate; Don Ranck, delegate; Ben Clark, secretary-treasurer; Ray Ranck, president; Allan Rohrer, alternate delegate; and Charles Neff, alternate delegate. Missing from the photo is Ken Beiler, alternate delegate.

The following were elected members of the Quarryville Local Committee of ADC's District 12. From left to right, Robert Groff, delegate; Dale Umble, delegate; James Kreider, president; Gerald De Long, delegate; Robert Kreider, alternate delegate; Robert Wenger, alternate delegate; A. Dale Herr, delegate; and Lloyd Welk, delegate. Missing from the photo are Scott Mull, secretary-treasurer; James Krantz, alternate delegate; and Delmar Neff, alternate delegate.

Sire Power Reports Business, Names Recipients

HERSHEY (Dauphin Co.) — The 1990 Sire Power Annual Meeting was not only a time to reflect on the past years accomplishments, but a time for Sire Power to continue their support of tomorrow's industry leaders. Fifteen college students from Sire Power's Membership areas were presented $500 scholarships this year.

Eligibility for these awards include membership in one of Sire Power's membership sales divisions (Northeast, Maryland or West Virginia) by parents, guardians or the applicant. The scholarships were awarded to incoming sophomores, juniors or seniors and will be used to continue agricultural related studies.

The applicants were required to submit a scholarship application form that was screened by each sales division's scholarship committee. The committee reviewed the applications and looked for an ag-related curriculum, the applicants extra-curricular activities, along with their past, present and future involvement in agriculture. A transcript was also included so that grades could be taken into consideration.

In addition to the Sire Power scholarships, a $2,000 Lew Campbell Memorial Scholarship was awarded. Mrs. Marie Campbell presented this award in memory of her husband, past Sire Power General Manager.

The Lew Campbell Memorial Scholarship was presented to Matthew Iager, Fulton, Maryland. Iager is a Dairy Science/Pre-Vet major at Delaware Valley College. He maintains a 3.9 GPA.

Iager is very active on his family's Maple Lawn Farm. He takes part in nearly all phases of the operation, which includes about 425 Registered Holsteins, 10,000-12,000 turkeys, and 1,200 acres of cropland.

Iager hopes to attend Veterinary School with plans to work mainly with large animals. He would also like to stay close to the Maple Lawn herd of Registered Holsteins.

Recipients from the Northeast Sales Division are: Tammy Sue Balthaser, Bernville; Gary Bicksler, Richland; William Curley, Montrose; Benjamin Dum, Elliottsburg; Shelly Harshbarger, Mifflintown; Terri Packard, Troy; Robert Rider, Warriors Mark; Rebecca Ann Sonnen, Richland; Joel Wiker, Holtwood and Marvin Zimmerman, Doylestown.

Maryland Sales Division recipients include: Nancy Edwards, Ridgely; Karen Knutsen, Rising Sun; Nancy Powel, Union Bridge and Johanna Remsberg, Middletown.

Amanda Leigh Toothman, Mannington, was the West Virginia Sales Division recipient.

In the president's report Gary Richard said that in the past year Sire Power continued to fulfill its basic purpose of providing its member-owners with first rate genetics at a reasonable price. Income for the year exceeded $15,000,000 for the first time. This represents approximately a 10 7% increase over the preceding year. During the same time, expenses show only a 6.6% increase. During the fiscal year, member equity increased just over $200,000.

Foreign markets continue to make a major contribution to Sire Power's income. International sales amount to $4,322.000. Of this, World-Wide Sires accounted for $3,500.000. We also experienced a 20.6% growth in our national sales.

The Sire Power Board declared a patronage dividend which will result in the distribution of $467,448. 50% of this, or $233,724 will be distributed in cash to the patrons in June 1991. The Board also saw fit to redeem the "C" Series of member equity. This resulted in the distribution of $458,250 in early September.

On the advice of their legal council at a Board Meeting, the decision was made to convert Sire

(Turn to Page A39)

Hal F. Doran, (left), receives recognition for work with cooperatives at the Sire Power annual meeting. President Gary Richard made the presentation with DuWayne Kutz, general manager.

Sire Power Reports Business, Names Recipients

(Continued from Page A38)

Power from a stock corporation to a non-stock membership association. To accomplish this, the $5 shares of common stock will be redeemed.

Richard reported that during the past year, Sire Power has made a significant financial commitment to the support of research being done by Dr. Roy Ax at the University of Arizona. This research is involved with genetic markers and could, in my opinion, result in a significant contribution to the future of Sire Power.

In the coming months, it is likely that one or two bull barns will be added to the Valley View facility. Analysis of the costs associated with housing in-waiting sires at the Frederick, Maryland facility revealed a significant savings could be realized if the bulls were moved to Tunkhannock. The Board voted to make this change. Sire Power will continue to maintain an office at Frederick, Maryland.

"The current economic situation in the dairy industry certainly forecasts difficult months ahead for dairy farmers, Richard said. "The efficient and economic production of milk will be more important than ever. The superior genetics provided by Sire Power can be a major force in the conversion of food stuffs to milk. We all need to continue to strengthen our competitive position with a strong breeding program."

DuWayne Kutz, general manager said the 1989/90 Sire Power fiscal year was a record breaking year both in income volume and sales dollar totals. This was the first year in Sire Power's history that we have exceeded $15,000,000 in income. All areas of sales were up including first service income, repeat service income, and semen sales. Our successful fiscal year showed total revenues up $1,473,277 or 10.7%.

"The record prosperous dairy economy during this relatively short period of time allowed dairymen world-wide to utilize the very best genetics available," said Kutz, "Sire Power's prosperous fiscal year mirrors the economic environment that existed during that time period."

"The sale of semen into over 60 foreign countries was also a record breaking year for dollar volume. Providing our membership a large selection of breed leaders with a sufficient volume of semen to formulate a progressive breeding program is our first priority. However, the foreign market income is most instrumental and necessary for our continuing profitable operation. The income for non-member or National sales, as well as International sales, continues to be a major factor in maintaining low service and semen charges. Revenue from these sales over the past years has allowed Sire Power's major building projects to be paid for during construction rather than having to borrow monies at high interest rates. A continuing strong financial position is illustrated by a current asset to liability ratio of 3.41 to 1," Kutz said.

In a special presentation Hal F. Doran, assoc. professor, agricultural education and agricultural economics extension at Penn State University was honored for his work with the dairy industry and cooperatives. Doran was born and raised on a dairy farm in Northern Pennsylvania. This farm produced and marketed milk for 62 consecutive years.

Doran also taught vocational agriculture and was an assistant county agent in the mid 40's. He has spent 46 years with cooperatives and his mission at PSU is to help with PAFC.

"Cooperative businesses hold the answer to a prosperous agriculture that is basic to our national economy," Doran said. "An explosion of farm prosperity could be accomplished by the cooperative route.

Public Auction Register

JANUARY

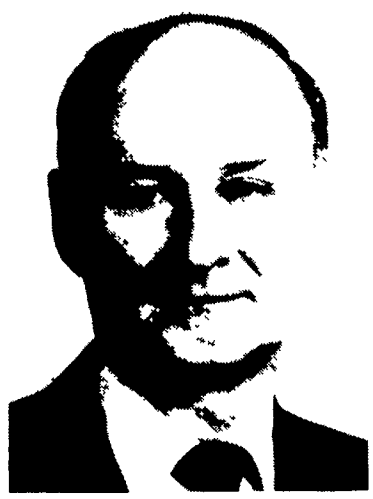
WED. JAN. 30 - 6PM, Gun Auction, at Wilson's Salesroom, 344 Valleybrook Rd, Chester Heights, PA, George H Wilson, Auct.

Dairylea Promotes Three To Vice President

SYRACUSE, N.Y. — Three people were recently promoted to vice presidential positions within Dairylea Cooperative Inc..

Dairylea is a Syracuse-based dairy cooperative with about 2,300 farmer members throughout the Northeast, who participate in a milk marketing network stretching from Maine to Maryland to Ohio.

Frank Wagner, of Syracuse, has been promoted to vice president of operations. He is responsible for all field activities of the cooperative, including membership recruitment and quality control.



Frank Wagner
Vice president of Operations

In 1957, Wagner joined Dairylea as a lab trainee at the Cooperative's Member Testing Lab, in Syracuse. He then transferred to Dairylea's Scranton laboratory where he was promoted to lab supervisor.

He received an associate's degree in applied science from Morrisville Agriculture and Technical Institute in Morrisville, N.Y.

Clifford M. Carman, of Manlius, N.Y., has been promoted to vice president of economics and policy analysis.

Carman is responsible for economic analysis and price projections. He also works on policy issues and coordinates Dairylea's Farm Management Program, designed to help improve cooperative members' on-farm profitability.

He earned bachelor of science and master of science dregrees in agricultural economics at the University of Georgia in Athens, Ga. Prior to attending Georgia, Carman received an associate degree from the State University of New York at Delhi.

Dianne Nosal, of Bloomfield, N.J., has been promoted to vice president of sales and marketing.

Nosal is responsible for marketing all dairy farmer member raw milk to dairy processors throughout the Northeast. She manages 1.7 billion pounds of milk annually.

Prior to joining Dairylea, Nosal worked as a cash accountant for Whitehouse Dairy in New Jersey and then joined the Cooperative Marketing Agency, which was later merged into Dairylea. Since 1976, Nosal has served as Dairylea distribution clerk, bulk sales analyst, manager of home office sales, and manager of milk sales and distribution.

Dianne Nosal
Vice president
Sales and Marketing

Clifford Carman
Vice president
Economics and Policy

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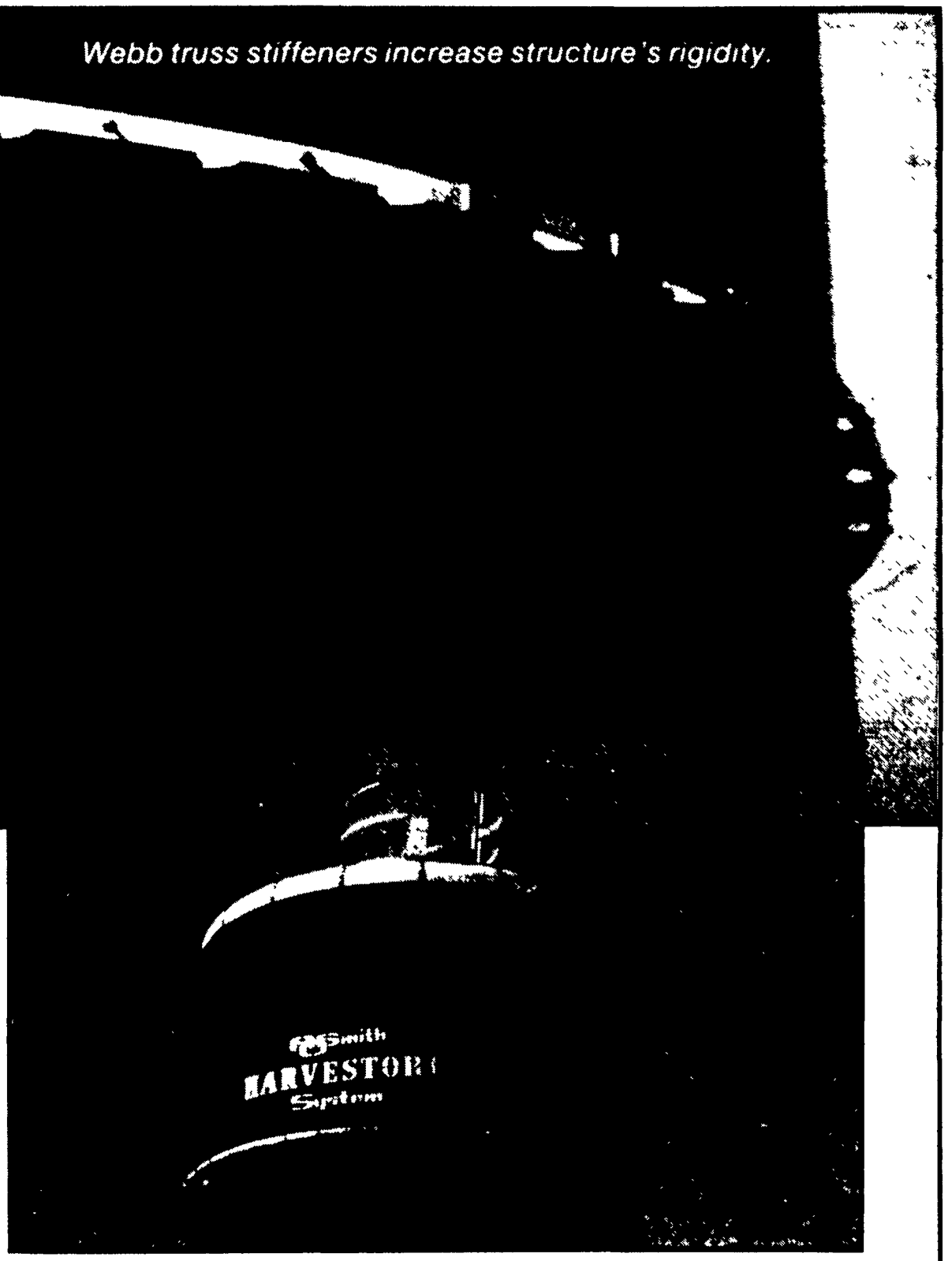

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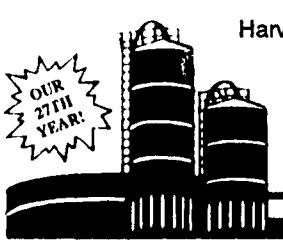

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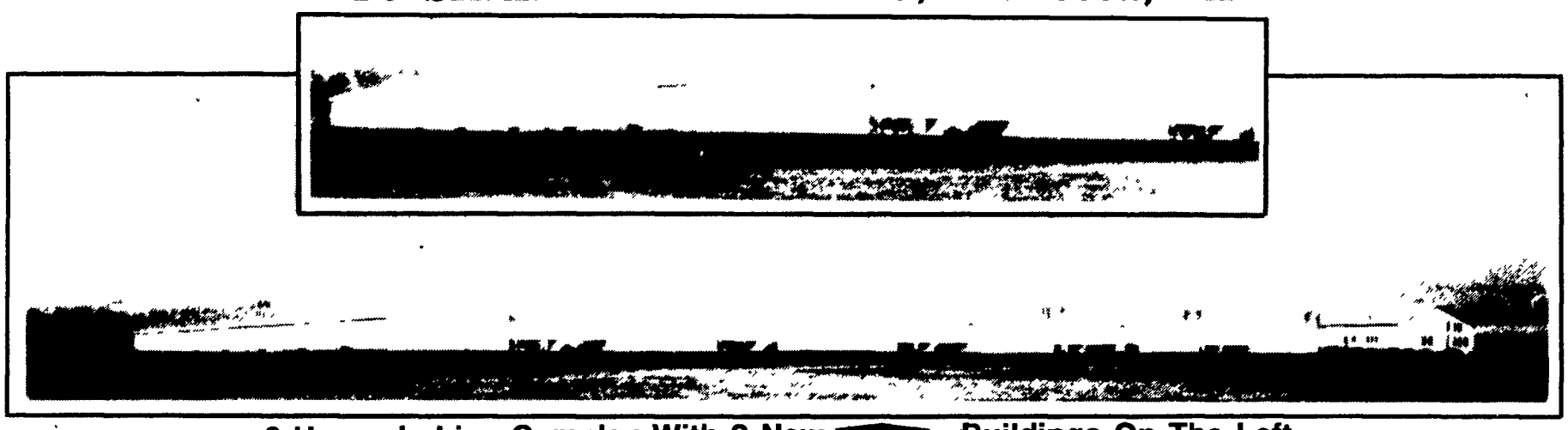

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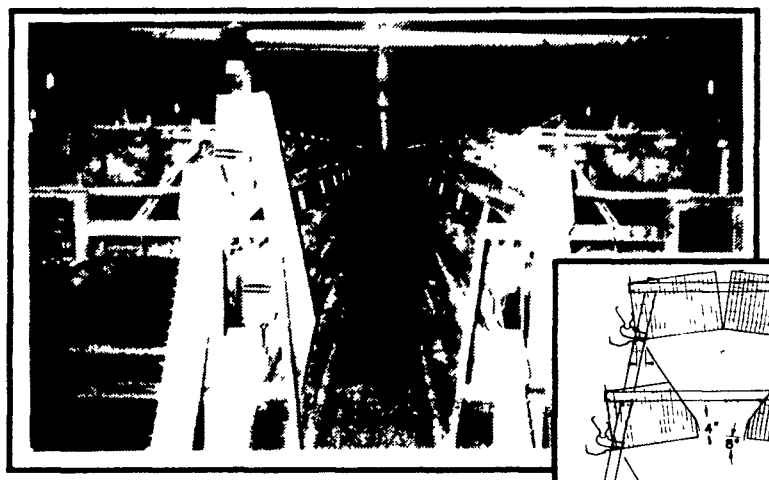

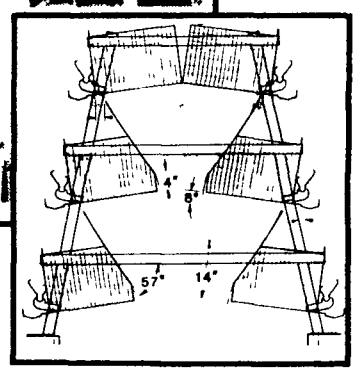

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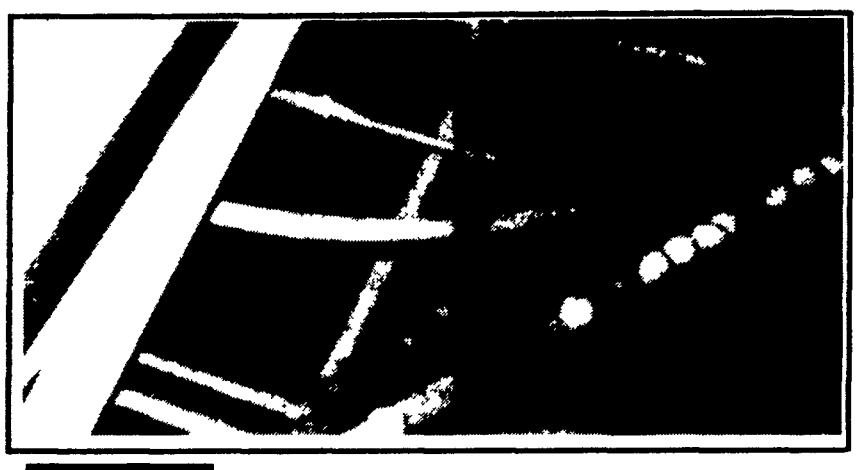

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Farm Women Societies

Berks Executive Board

The Berks County Farm Women executive board met recently at the Ag Center with 25 members in attendance. President, Joan Loeb, opened the meeting.

Devotions were given by Mary Bashore of Group #2.

Roll call was answered "Did you buy your seeds for the garden yet?"

Janet Schlegel reported on the Agri-Business meetings she attended. Since March 20 is Ag Day, it was decided to collect food for the Reading Food Bank with each group doing this as an individual project and bringing all foods to the March Board meeting.

The Farm Women will again participate in the Scenic River Festival July 24 through 28.

The Farm City banquet will be held on November 7.

Berks Heim bingo games are scheduled for April 4 at the main building and on November 14 at the Annex.

The Berks Heim Volunteer Dinner will be held on April 18.

Youth poster contest awards were given to Tim Feeg of Group #5, Megan Kasner of Group #9, and Amy Fegley of Group #5.

Groups 3, 9, and 10 received certificates at the State Convention for new members received into their group during 1990.

The Berks County Farm Women Convention will be held on Saturday, October 5, at Haag's Hotel, Shartlesville. Barbara Kintzer is chairperson of the event.

Berks County Farm Women will host the 1991 Spring Rally to be held on Thursday, May 23, at the Berkshire-Sheraton.

Joyce Shott of Group #10 volunteered to be Publicity chairperson for the Farm Women with Mary Fizz of Group #4 representing Berks Heim.

The March Board meeting will be held at the Ag Center in the conference room on March 4.

Lancaster Society 19

Lancaster Farm Women Society 19 met at the home of Mrs. H. Clarence Newcomer. After being greeted by Esther Landis, president, another member, Betty Saylor, led in devotions.

The secretary's report was read by Hazel Stauffer. The treasurer's report was read by Bernie Miller.

Two members, Alta Miller and Betty Saylor, gave a report on the State Convention held in Harrisburg.

The group will meet February 9, at Hempfield Church of the Brethren with Bernie Miller serving as hostess. Deidre Simmons will speak about the Fulton Opera House.

Lancaster Society 18

Lancaster Farm Women Society 18 and spouses met for breakfast on January 19 at Joe Myers' Restaurant.

Ruth Rohrer and Mildred Kreider gave reports of the Harrisburg State Convention. Mildred Kreider read the Farm Women's bylaws.

The next meeting will be held on February 16 at Martha Stoner's home, 1051 Eden Road, Lancaster.

Berks Society 6

The Society of Farm Women Group #6 met in Oley at the M&M Shop for lunch and the January meeting.

Eight members were present. President Erma Bauer reviewed the by-laws of the farm women organization.

A donation was made to an area resident hospitalized with leukemia.

Pearl Hoffman and Janet Schlegel reported on events at the State Convention. They served as delegates from Group #6.

The next meeting will be at the Pleasantville Diner on February 19, with lunch at 11:30 a.m. Valentines will be exchanged and each member should wear something red.

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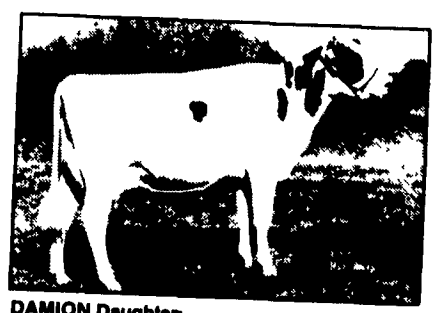

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	9H1173	GLOW	+2485
•	9H1188	VELCRO	+2428
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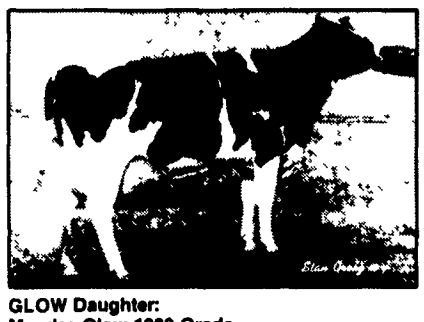
	1H568	STYLIST	+2229
	9H1145	SAFETY	+2201
	9H1167	FINALE	+2054
•	9H1269	CONCORD *RC	+2048
	1H456	LINCOLN	+2041
	16H189	ROTATION	+1890

Protein $ Sires

	1H532	SANTA	+$302
	9H1173	GLOW	+$266
•	1H558	DESTINATION	+$240
•	9H1188	VELCRO	+$239
	9H1097	DAMION	+$237
	1H456	LINCOLN	+$232
	1H489	GUARDSMAN	+$230
	9H1057	ARES	+$226
	9H1215	SIENNA-Red	+$224
	9H1167	FINALE	+$221



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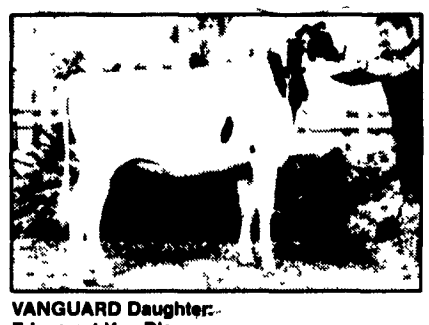

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9H1057	ARES	+1037
9H1097	DAMION	+1027
9H904	VANGUARD	+970
1H414	TESK	+966
9H1167	FINALE	+954
1H406	SECRET	+945
9H924	TONG	+922
1H568	STYLIST	+913
1H532	SANTA	+911

°TPI is Preliminary

Type Sires

9H904	VANGUARD	+3.04
1H568	STYLIST	+2.48
9H1173	GLOW	+2.42
9H1174	WOODLEY	+2.37
1H414	TESK	+2.19
9H1163	HOPE	+2.15
1H583	VALANCE	+1 97
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Hard Work Brings Success To Top Two Pa. Teens

LOU ANN GOOD
Lancaster Farming Staff

BESSEMER (Lawrence Co.) — Two friends, Robert Hodge and Edward Clark, were jubilant when named FFA regional winners, but when each achieved the State Star Award, ecstacy reigned.

To have two state wins from the same FFA chapter is incredible.

Larry Redding, director of the Department of Ag Education, said that 234 students who had received Keystone Degrees were eligible to compete for the State Star Degrees. Only three percent of the ag students received Keystone Degrees, for which students need to accumulate credit over a four-year period.

Both winners attribute much of their success to their Mohawk FFA advisor, Clifford Wellis, who is a stickler for keeping project records.

"Keeping records is the secret to success in business, too," said Robert Hodge, the State Star Agribusiness winner. Edward Clark, the State Star Farmer, emphasized that record keeping on the farm was also instrumental in helping him win.

Robert Hodge

Hodge had his start in the business world while in sixth grade. He recalled that a neighbor gave him a bicycle in exchange for his help in building a livestock fence. The neighbor, who was in sales for a local feedmill, encouraged Hodge to sell bird feed.

At first, Hodge purchased the feed in 100-pound bags and repackaged them in 10-pound bags that he sold to friends and *neighbors*.

Soon he realized that more money could be made if he mixed the feed himself. Hodge custom-blended bird feed according to his customers' wants. He said a higher quality bird feed, with sunflower seeds, millet, and cracked corn, attracts song birds.

He sold about 500 pounds of bird feed that first year.

Impressed with the marketability of pet foods, Hodge decided to open up his own store.

Nearby was an unused, dilapidated township building. Hodge convinced township officials to let him use the building in exchange for painting it and mowing the township grass.

In December 1986, Hodge opened his store with supplies for farm animals, pets, and birds. He also purchased a mower to do custom mowing for businesses. Soon he needed to purchase a truck and trailers to move the mowing equipment.

The Hodge family has a 106-acre farm in Bessemer. Ron and Eleanor Hodge, the parents, own a farm supply company. The family does crop farming on about 200 acres. They buy and sell grain, fertilizer, beef cattle, and a few pigs.

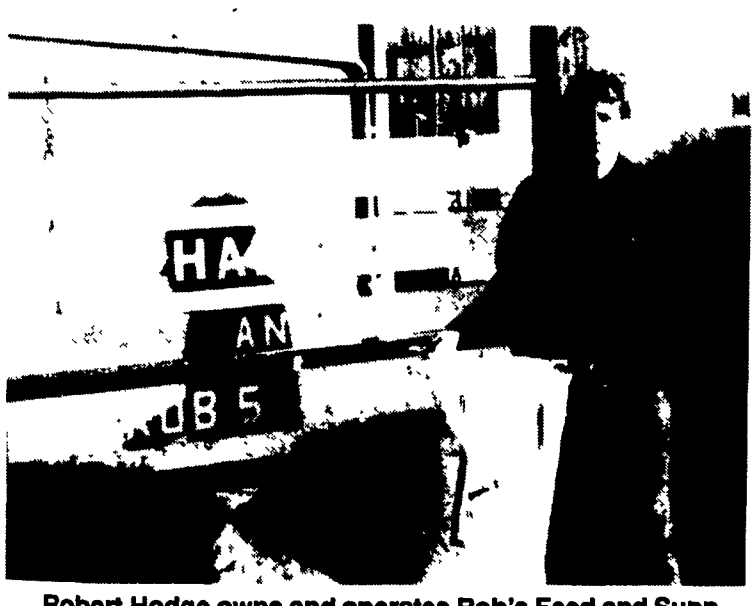
Hodge's store took a change in operation when an orchard grower and Hodge combined apple sales with bird feed at local stores. Hodge talked to every grocery store in the area and sold 10 tons of bird feed last year. He would like to contact urban area stores where he believes sales would be consistent year around.

"Grocery stores look for an attractive package but cheaper quality," Hodge said. He mixes corn, wheat, and milo with a cement mixer.

Hodge moved his supplies into his dad's business and now concentrates more on wholesale sales to other stores. "The store is not located in an area where most people drive through every day, but most farmers know about the store," Hodge said.

Although farm responsibilities often prevent Ed from joining his friends for recreation, Ed said, "What I'm doing is more important than having a good time. I never want to give up farming."

For the first time ever, two students from the same FFA chapter won both the State Star farmer and the State Star Agribusiness Award. Edward Clark and Robert Hodge will compete for the regional U.S. title, and if successful there, they will be eligible for the national title. Robert Hodge is shown above.



Robert Hodge owns and operates Rob's Feed and Supply, which he began in the sixth grade. Last year, he sold more than 20,000 pounds of bird seed.

Robert's skills include shop activities. He built his own trailer for his lawn mowing business.

Hodge said that it is necessary for him to keep inventory. The problem he faces as a small business is that he must order bags at least 5,000 at a time. Because he uses different size bags for bird, dog, cat, rabbit, chicken, horse and cow feed, it requires a large inventory of bags.

"I like dealing with people and store managers. The most fun is delivering and picking up feed," he said.

Hodge has advertized his business in the area's small shopper paper, a local newspaper, and in the yellow pages.

Like many businessmen, Hodge had a customer who ran up credit and did not pay. He took her to court over the $600 bill, but said that it looks like she is not able to pay the amount owed, so he will need to settle for less.

"Now my advice to anyone who wants credit is to go to the bank — that's what they are for," Hodge said.

For those who want to start up their own business, Hodge stresses the importance of keeping good records, maintaining sufficient inventory, and keeping the store display attractive. "You've got to let people know that you are interested in selling. Be serious. If you aren't, people won't take you seriously and they'll go someplace else," he said.

"In business, you need a good personality, ability to work with people, ability to handle problems, and a sense of humor," Hodge added.

The 18-year-old enjoys observing people and getting a feel for the way he should present himself.

He said that bird feed sales is largely dependent upon the weather. He said, "This year, we haven't had much snow, so sales are down."

In the past, Hodge has won FFA salesmanship contests in area and regional competitions where he was graded on his ability to organize, his knowledge of the subject, his ability to write a sales slip, and make change.

"FFA is a great way to learn record keeping, parlimentary procedure, and leadership," Hodge said.

Now that Hodge has won state competition, he will compete for the Eastern U.S. region. For that competition, contestants from the U.S. are divided into four regions. The winners from these four regions will compete in Kansas for the national star agribusinessman title.

While Hodge, who is chapter FFA president, is finishing his final year of high school, he is taking liberal art courses at the Beaver County Community College. He is working toward a degree in avionics.

"I like to be busy. I hate to sit around," Hodge said of his busy schedule.

(Turn to Page B5)

Homestead Notes

MICROWAVE MINUTES

By JOYCE BATTCHER

When time is short and you want big bowls of hot homemade soup for supper, turn to your microwave oven.

Microwaving is practical for cooking small amounts of homemade soup, up to about two quarts. Larger amounts take much more energy and time than range-top cooking.

Before starting, have a large cooking container and potholders ready. For five to eight servings you'll need a three-quart container. A container with handles is ideal. The container gets hot, so handles make for safer and easier carrying from the microwave. You'll also need a tight-fitting lid or plastic wrap.

Most soup is tasty when microwaved quickly on High. But, if you have more time, simmer it for richer flavor. To simmer, after adding all the liquid, microwave on High until boiling, then turn to Medium (50 percent power, 325-350 watts). Cooking time on Medium will be about double the original High power cooking time.

Soup tastes better the next day, and microwaved soup is no exception. To reheat, microwave, covered, on High power, allowing about two to three minutes per cup of soup.

Today's recipes are for hearty, thick cream soups. Milk-based soups like these really point out some big advantages of microwave cooking. On the range-top, soups like these would stick to the pan bottom, you'd have to stir them a lot once the milk is added, and it would be easy to scorch them. In your microwave, there's little stirring and not even a hint of burnt flavor, and the cooking container is easy to clean.

I've made these soups lower in calories and cholesterol by using 2 percent milk. I also like them made with 1 percent or skim milk, but the flavor is less rich. No flour is used to thicken these soups, again reducing calories a bit. Instead, the dehydrated potatoes thicken the first soup, while the large amount of vegetables takes care of the second soup. I also used a new reduced-fat sharp Cheddar cheese. The fat and cholesterol are less, and because it's a sharp cheese, rather than mild or medium, I could use less than I normally would and still get the good Cheddary flavor.

Both recipes start with precooking solid ingredients with a little butter or margarine and a small amount of liquid. A tight cover — such as a well-fitting casserole lid or plastic wrap — holds in steam and promotes fast cooking. Ingredients should be microwaved, covered on High until they are fork-tender.

In the final cooking step, no cover is used. This is true for most milk-based homemade soups. Milk mixtures boil high in the microwave, and covering just promotes boil-overs.

Many "from scratch" microwave soup recipes call for some convenience foods to speed cooking and lend old-fashioned flavor. Canned broth, bouillon cubes, or instant bouillon granules help make a rich flavorful base. Potato Broccoli Soup calls for many convenience foods to speed preparation and cooking time.

Note that ingredients are layered in the cooking container in a certain order. This is to ensure that the dehydrated potato shreds and instant chopped onion will have enough moisture to rehydrate them. If sprinkled on top, they will harden or may even burn.

For Cheesy Vegetable Chowder, your food processor is a big help with all the chopping and slicing. Thinly slice or chop vegetables. Try to get them about the same size and thickness for even cooking.

This recipe follows standard procedure for microwave soup-making. Start by cooking fresh vegetables, tightly covered, with part of the liquid called for. When vegetables are tender, add remaining liquid. Microwave until hot and flavored through. Stop toward end of cooking to taste and, if needed, season with additional herbs, salt or pepper. If the taste is bland, add a teaspoon or two of instant bouillon.

Potato Broccoli Soup

1 package (6 ounces) hash browns (dehydrated)
1½ tablespoons instant minced onion or 6 tablespoons finely chopped onion
1 package (10 ounces) frozen chopped broccoli
1 can (10½ ounces) condensed chicken broth
2 tablespoons butter or margarine
2 cups low-fat milk
½ cup half-and-half
2 teaspoons lemon juice
¼ teaspoon salt (optional)
⅛ teaspoon pepper
Ground nutmeg (optional)

Place hash browns in microwavable 3-quart casserole; top with onion, still-frozen broccoli, chicken broth and butter. Cover with lid. Microwave (High) 8 to 10 minutes, stirring once, or until broccoli is thawed and potato shreds are tender. Mixture will be thick. Stir in milk, half-and-half, lemon juice, salt and pepper. Microwave (High), uncovered, 5 to 7 minutes or until hot. Ladle into bowl and, if desired, sprinkle each lightly with nutmeg. Makes 5 servings (1 cup each).

Each serving: 284 calories, 10g protein, 11g fat, 39g carbohydrate, 573mg sodium, 31mg cholesterol.

Variation: After heating, stir in 1 to 1½ cups diced ham, cut-up cooked chicken or turkey, or 1 to 2 cans (6½ ounces each) drained minced clams. Microwave (High) 2 to 3 minutes longer or until hot. Do not boil.

Cheesy Vegetable Chowder

2 cups chopped cabbage
1 medium onion, chopped
2 stalks celery, thinly sliced
2 medium carrots, thinly sliced
½ teaspoon dried thyme leaves
½ cup chicken broth or water
2 tablespoons butter or margarine
1 can (15-16½ ounces) cream-style corn
1 cup frozen peas, thawed
2 cups low-fat milk
¼ teaspoon salt (optional)
¼ teaspoon pepper
2 cups (8 ounces) shredded sharp reduced-fat Cheddar cheese
Chopped fresh parsley (optional)

Place cabbage, onions, celery and carrots in microwavable 3-quart casserole; top with thyme, chicken broth and butter. Cover with lid. Microwave (High) 10 to 12 minutes, stirring once or until vegetables are tender. Stir in cream-style corn, peas, milk, salt and pepper. Microwave (High) 6 to 8 minutes or until hot. Stir in Cheddar cheese until melted. To speed melting, microwave (High) 1 to 2 minutes, but do not boil. Ladle into bowl and, if desired, sprinkle each with chopped parsley. Makes 8 servings (1 cup each).

Each serving: 218 calories, 13g protein, 10g fat, 21g carbohydrate, 441mg sodium, 33mg cholesterol.

Variation: Along with cheese, stir in 1½ to 2 cups diced ham or cut-up cooked chicken or turkey. Microwave (High) 2 to 3 minutes longer or until hot. Do not boil.

Questions for Joyce?

Do you have a question about microwave cooking. Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, Minn. 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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Develop A Winning Attitude

Become excited, confident, and enthusiastic about your goals. Give yourself permission to be a winner. The winner always has a goal. The winner stresses solutions, not problems. Winners make total commitments to their goals. Winners have positive attitudes in all elements of their lives. The more you think about it, talk about, and write about a thing happening, the greater the certainty of that thing happening. Winning is an inside job. Self-discipline is the winner's creed. *(Quote from U.S. Olympic Training Center.)*

Low-fat (2%) milk is actually 35% fat. While 1% milk is 22% fat, skim milk is only 4% fat. The numbers given to consumers tell only the fat content by weight, which is deceptive, since milk is 89% water. *(Berkeley Wellness Letter, May 1990)*

MESSICK'S
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JANUARY 28 - FEBRUARY 2

See Section D
Pages 11-17

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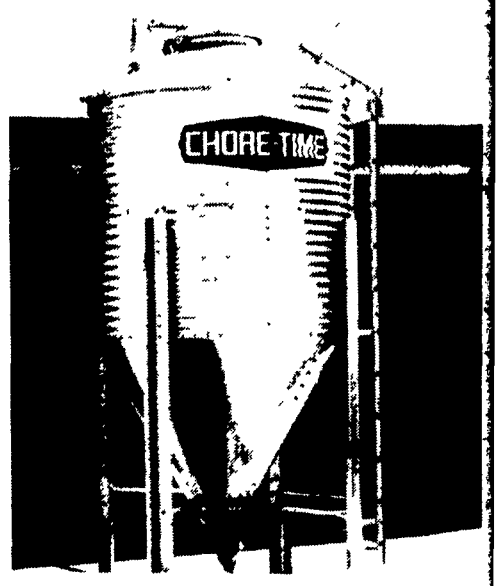

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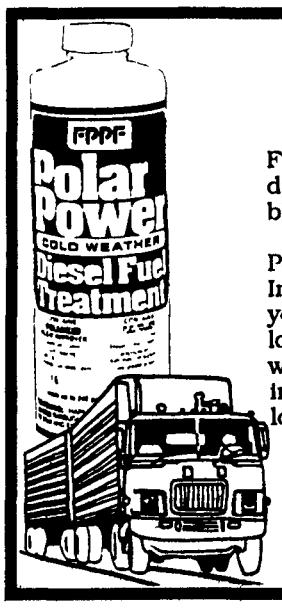

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Success To Top Two Pa. Teens

(Continued from Page B3)

He credits his parents, church, and FFA for motivating him. "I think being involved with church has taught me to think positive and to stand up for what I believe," he said.

His advisor said, "Rob is a real pusher. He built a single axle trailer, hot-dipped galvanized it, and constructed it from scratch. He's really ambitious."

Edward Clark

Hodge's classmate Edward Clark won the state Star Farmer Award.

The 17-year-old helps his parents, Bruce and Nancy Clark, on their dairy farm that is owned by his dad and his two brothers. They farm 500 to 600 acres and have 80 registered Jersey cows.

"I love to work," Clark said, "and I like everything about the farm."

With his love for work, Clark racked up 1,200 hours of farm work for his FFA project. In addition to the partnership's herd, Clark has his own 14-head dairy herd, and takes care of 85 acres of diversified crops. Clark also has mechanical skills in taking care of the farm machinery and he does welding and carpentry work.

Clark said his future is sort of up in the air right now because the farm is slated to be stripped for coal. It would take eight years before the land could be farmed again.

The partnership may decide to sell it. If they do sell, Clark plans to major in agricultural business with a dairy science option at a college. If they don't sell, Clark will continue to manage the 150 Jersey cows and the field crops on the farm.

Clark has figured out a computer feeder program and keeps track of production for the SAE field crops.

Clark also shows dairy cows.

"I like to do things my own way without bosses looking over my shoulder," he said.

In October, he took over management of all the cows. He likes working with computers.

Clark said that Hodge and he have been friends for many years. He said of their achievements, "We spur each other on."

Since both fellows are busy with their FFA projects, they miss some of the activities in which their other friends participate, but Clark said, "What I'm doing now (farming) is what I plan to be doing in the future. It's more important than having a good time."

Clark has an older brother who won a FFA Keystone Degree and it was through him that FFA advisor Wellis got to know the Clark family. Wellis said, "They have a good family operation, and his parents have really encouraged him. Clark has been active throughout school."

Wellis credits both his students' achievements to hard work on the students' part. "In addition, they both are very articulate and interview well," he said.

"I've been teaching since 1981, and I checked back and found that this is the first time any student won the State Star awards in the Mohawk chapter. Now we have two winners," he said. "I'm real tickled."

FFA State Star Farmer Edward Clark manages a herd of 150-head of Jersey cattle on his parents farm.

Heirloom Seed Catalog Farm Museum

LANCASTER (Lancaster Co.)— The Landis Valley Museum Heirloom Seed Project has produced its 1991 Catalog. It is packed with old-time seed varieties. This fourth annual seed offering is available to any interested person who wishes to learn more about the rare and unexpected qualities of historic vegetables.

Heirloom seeds are different from their modern counterparts. The plants grown from the seeds offered in this catalog are adapted to the climate of southeastern Pennsylvania and taste delicious. These seeds are also adapted to local soils which produce slightly different results among the plants in various neighborhoods. The project's seed grows robustly in Landis Valley's rich limestone loam and heartily in the project volunteers' variably "soiled" home gardens.

The Heirloom Seed Project's central purpose is to encourage the preservation of traditional strains of historic non-hybrid varieties of plant material. If anyone has seeds handed down to them, the people at Landis Valley would like to hear from you. If you would like to learn more about the project, send a self-addressed, stamped envelope to Heirloom Seed Project, 2451 Kissel Hill Rd., Lancaster, PA 17601. If you would like to receive a catalog, send $2 to the same address. There is a $2 coupon in every 1991 Heirloom Seed Catalog.

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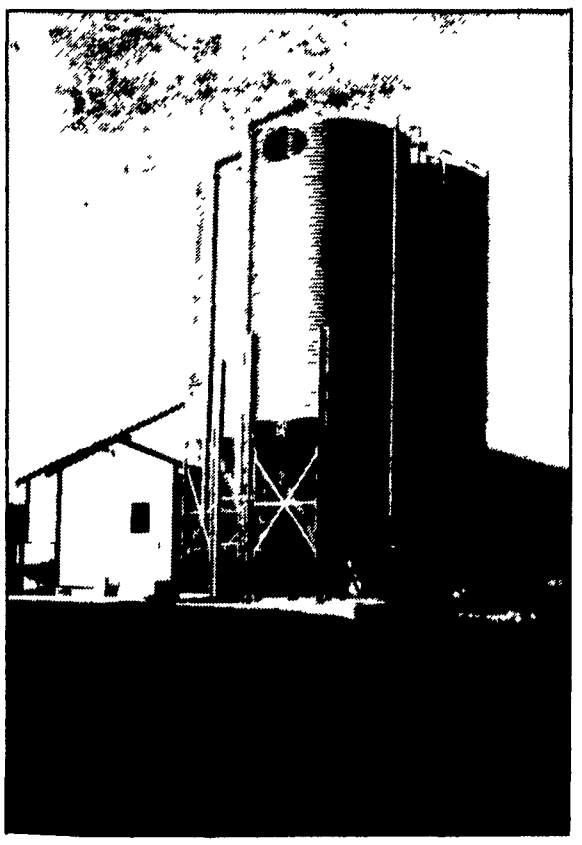

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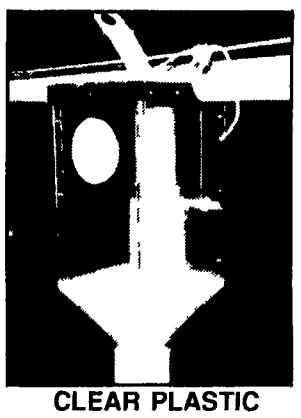

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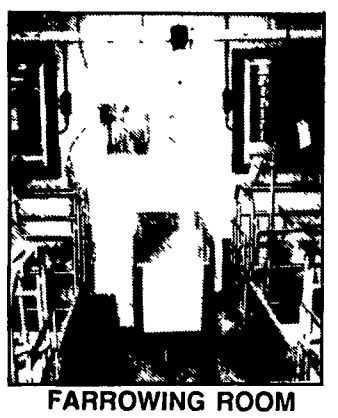

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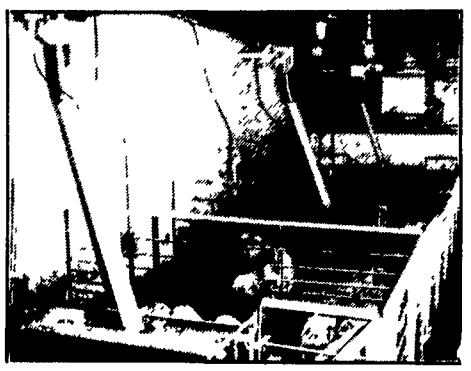

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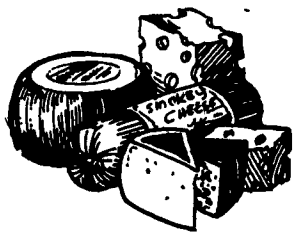
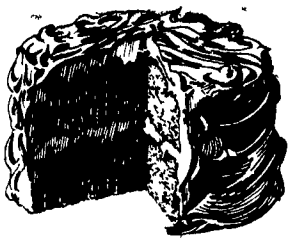


Home On The Range



One-Dish Meals Satisfy Hungry Appetites

One-dish meals are increasing in popularity. They are fast, use a minimal amount of dishes, and offer great taste.

Many one-dish meals can be prepared ahead of time, warmed up, and still maintain great flavor.

One-dish meals are often a good way to use leftovers. Be original. Don't be afraid to combine different ingredients or improvise a recipe. You may discover a great-tasting dish.

BEEF PIE

1 pound ground beef
¼ cup onion, chopped
1 cup vegetables, cooked
¼ cup water
1 10½ ounce can beef gravy
1 teaspoon Worcestershire sauce
2 tablespoons butter
1 cup milk
2 eggs
1 cup flour
¼ teaspoon salt
¼ teaspoon pepper

Brown ground beef and onion; drain. Add vegetables and ½ cup beef gravy. Set remaining gravy aside. In a 10-inch quiche or pie plate, place butter and put in 425-degree oven.

Meanwhile in small mixing bowl, combine milk and eggs. Add flour, salt and pepper; beat until smooth. Remove dish with butter from oven. Pour egg mixture into hot dish. Spoon meat mixture evenly, keeping 1-inch from the edge. Return to oven. Bake for 25 to 30 minutes or until browned and puffed. Add the ¼ cup water and Worcestershire sauce to remaining gravy, heat and serve as topping with beef pie.

Darceta Albers
Peotone

GOLDEN RICE CASSEROLE

1 pound ground beef
¼ cup onion, chopped
2 cups water
1 teaspoon salt
1 cup uncooked rice
2 large carrots, shredded or sliced thinly
½ cup chopped green pepper, optional
¼ to ½ pound cooking cheese

Brown meat; drain. Add remaining ingredients except cheese. Cover and simmer 30 minutes. Add cheese; heat until cheese is melted.

Contributor writes: "This is one of my favorite quick and easy one dish meals."

Joanne Gehman
New Holland

KAREN'S BRUNCH COLLAGE

8 eggs
1 cup skim milk, divided
1 teaspoon onion salt
½ teaspoon basil leaves, crushed
¼ teaspoon pepper
1 cup cooked ham, chopped
1 tablespoon butter
6 slices whole wheat bread, toasted and halved
½ cup shredded Cheddar cheese
1 10-ounce package broccoli, chopped, thawed, drained
6 thin slices tomato

Beat together eggs, ½ cup milk and seasonings until blended. Stir in ham. In 8- to 10-inch omelet pan or skillet over medium heat; heat butter until just hot enough to sizzle a drop of water. Pour in egg mixture. As mixture begins to set, gently draw an inverted pancake turner completely across bottom and sides of pan, forming large, soft curds. Continue until eggs are thickened but still moist. Do not stir constantly. Remove from heat.

In greased 8x8x2-inch baking dish, evenly layer 6 of the halved toast slices, scrambled egg mixture, ¼ cup of the cheese and remaining toast slices. Pour remaining milkover top. Sprinkle evenly with broccoli, top with tomato slices and sprinkle with remaining cheese.

Cover and bake in preheated 350 degree oven until heated through, about 25 minutes. Cut into squares and serve.

HASH BROWN QUICHE

6 eggs, divided
¾ teaspoon celery salt, divided
2 cups frozen shredded hash brown potatoes, thawed
½ cup sliced almonds
2 cups frozen vegetable blend
½ cup diced cooked chicken
1 cup milk

In medium bowl, beat together 1 egg and ¼ teaspoon celery salt. Stir in potatoes and almonds until well combined. To form crust, press potato mixture onto bottom and up sides of lightly greased 9-inch pie plate. Bake in preheated 375 degree oven for 5 minutes. Remove from oven. Sprinkle with vegetables and chicken.

Beat together milk, remaining eggs, and remaining celery salt until well blended. Pour over vegetables and chicken. Bake in preheated 375 degree oven until knife inserted near center comes out clean, about 45 minutes. Let stand 5 minutes before serving.

Am. Egg Board

FIESTA TAMALE PIE

1 8½ -ounce package of corn muffin mix
1 egg
1⅓ cups milk
1 pound ground beef
¼ cup chopped onion
1 clove garlic, minced
1 can condensed tomato soup
1 can whole kernel corn, drained
1 6-ounce can tomato paste
1½ teaspoons chili powder
1 teaspoon salt
½ cup shredded cheddar cheese
Dash paprika

Prepare corn muffin batter with corn muffin mix, egg, and milk. Set aside. Mix ground beef, onion, and garlic in 8x8-inch square baking dish. Microwave on high until meat loses pink color, 5 to 9 minutes, stirring once to break up meat. Drain. Stir in soup, corn, tomato paste, chili powder and salt. Microwave at high, 3 minutes. Spread corn muffin batter over beef mixture. Microwave at medium high for 5 minutes. Microwave at high until center is set, 4 to 8 minutes. Sprinkle with cheese and paprika during the last 2 minutes of cooking. If microwave oven does not have a carousel, rotate dish one quarter every 2 minutes.

Contributor writes that this is an easy microwave dish that has all four food groups represented.

Mrs. Jamie Bagley
Shunk

CASSEROLE

1½ pounds ground beef
4 slices bacon
1 large onion
1½ cups raw potatoes
1½ cups celery
1½ cups carrots
1½ cans peas
1 can mushroom soup
1½ cups macaroni
1 pint tomatoes
½ pound grated cheese

Brown ground beef and onion. Pour into casserole dish and add cooked carrots, celery, potatoes, peas, and macaroni. Fry bacon and lay on top. Pour tomatoes over mixture. Sprinkle grated cheese on top. Bake 1½ hours at 350 degrees.

Marie Horning
Mifflinburg

HAM & BEAN POT PIE

1½ pounds ham butt
2½ cups kidney beans
2 cups sifted flour
1 teaspoon baking powder
½ teaspoon salt
2 tablespoons shortening
⅓ cup water
1 egg

Pot pie dough: Combine 2 cups flour with baking powder and salt. Cut in shortening. Add water to beaten egg. Mix well with flour. Roll very thin and cut in 2-inch squares. Cover ham with water. Cook 2½ hours. Remove ham, cut off bone. Bring broth to boil, drop in dough. Add ham and kidney beans. Boil 20 minutes.

Mary Jane Heidlebaugh

Pasta recipes may be simple or complex.

ONE-DISH HAM SUPPER

1 16-ounce package elbow macaroni
2 packages frozen green beans, thawed
½ cup sour cream
½ cup butter
1 cup onion, sliced
½ cup flour
2 teaspoons Worcestershire sauce
1 teaspoon prepared mustard
½ teaspoon salt
½ teaspoon pepper
3 cups milk
3 cups shredded Swiss cheese
4 cups diced cooked ham
⅔ cup parmesan cheese
⅔ cup green pepper ring

Cook macaroni according to package directions; drain and toss with beans and sour cream. Preheat oven to 350 degrees. Melt butter in 3-quart saucepan. Saute onion until tender. Blend in flour, Worcestershire sauce, mustard, salt, and pepper. Remove from heat. Gradually stir in milk. Bring to a boil, stirring constantly. Boil 1 minute. Add Swiss cheese; stir until cheese is melted. Divide macaroni mixture between 2 buttered 2½ quarts shallow baking dishes; pour ¼ of cheese mixture over each. Arange ham over macaroni. Top with remaining cheese sauce. Sprinkle with parmesan cheese. Bake 30 minutes. Garnish with green pepper.

Serves 12. "Excellent for entertaining friends and family."

Angela Lang,
York Co. Dairy Princess

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

February
2- Muffin Mania Week
9- Lamb
16- Potato Lovers Month
23- Heart Healthy Eat

Featured Recipe

If you're an egg lover and your doctor has told you to control the fat and cholesterol in your diet, don't despair!

Under the American Heart Association's prudent diet, four egg yolks a week are acceptable and egg whites may be consumed freely, since they contain no fat or cholesterol.

You can cut the cholesterol content of any of your favorite egg recipes such as omelets, quiches, and scrambled eggs in half by using two egg whites for one whole egg for half the eggs in the recipe.

You can substitute two whites for one whole egg in most recipes. For each whole egg replaced by two egg whites, add a teaspoon of oil and reduce the liquid in the recipe by 1⅓ tablespoons. Add a drop or two of yellow food coloring if you like.

Two egg whites are equivalent in protein to one ounce of meat. An egg white contains almost twice the amount of amino acids including the nine essential amino acids and only about a quarter of the calories of the yolk. Twenty percent of the daily total amino acid requirement for men and 25 percent for women is supplied in one egg white. All this for just 17 calories.

Here's a recipe that is drastically reduced in calories, fat, and saturated fat without losing the flavor and character of the dish.

SPINACH QUICHE

½ cup crushed bran or whole wheat crackers
2 whole eggs and 4 egg whites, beaten
½ cup skim milk
½ cup plain lowfat yogurt
½ cup dry curd cottage cheese
¼ teaspoon salt
¼ teaspoon pepper
½ cup shredded part-skim mozzarella cheese
1 package (10-ounces) frozen chopped spinach, thawed and well drained.

Preheat oven to 350 degrees. Spray 9-inch pie pan with non-stick spray. Mix crumbs with small amount of egg mixture to moisten. Spread in bottom of pie pan. Beat together eggs, milk, yogurt, cottage cheese, salt and pepper; stir in mozzarella cheese and spinach. Pour into prepared crust. Bake at 350 degrees for 35 to 40 minutes, or until a knife inserted near center comes out clean.

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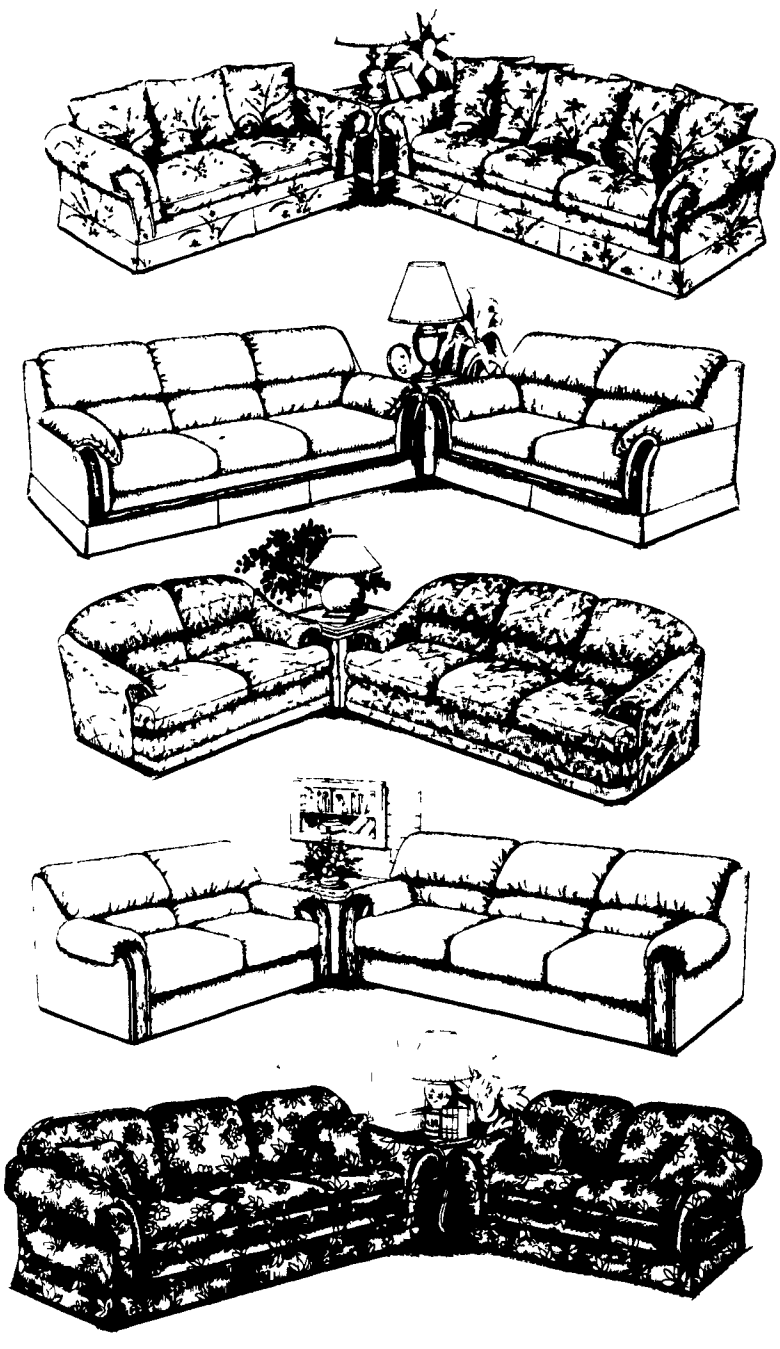

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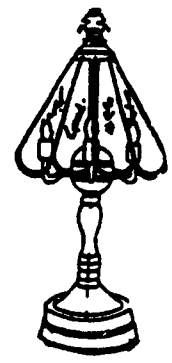

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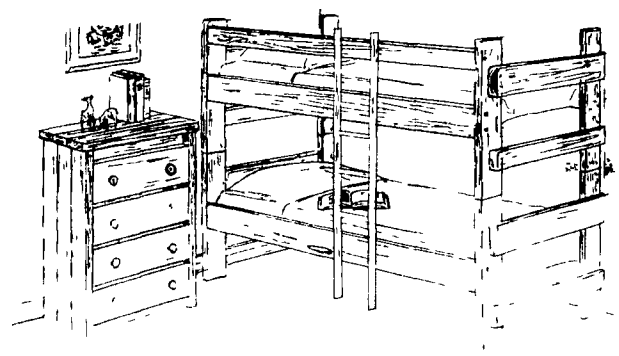

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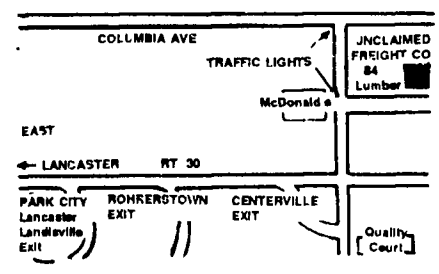

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Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Myah Tielman, Lehighton, would like a recipe for a round loaf of rye bread similar to that which had been sold by Fritzinger's Bakery, Walnutport, which is now out of business.

QUESTION — Betty from Pennsylvania would like a bologna recipe for venison that tastes like Seltzer's Lebanon Bologna.

QUESTION — Nancy Bennett, Port Matilda, would like a recipe for an all butter coffee cake that tastes like those made by Sarah Lee.

QUESTION — Raymond Stauffer, Stevens, wants recipes using licorice extract.

QUESTION — Mrs. A.W. Stang from Knoxville, Md., would like a recipe for homemade root beer.

QUESTION — Tracy Moyer from Reading would like a recipe for soft and moist oatmeal raisin whoopie pies.

QUESTION — Mrs. Jamie Bagley of Shunk, Sullivan County would like a recipe for shrimp in a white sauce poured over rice.

QUESTION — Cordelia Wolfe of Seven Valleys would like a recipe for peanut butter pie similar to the one sold at a cheese stand at Root's Auction. She thinks it has cream cheese in it and a crumb crust with a thin layer of chocolate, the peanut butter mixture, and chocolate drizzled on top.

QUESTION — Violet Dorty of Mercersburg lost her great-grandmother's recipe for an applesauce sponge cake. How about it readers, can you help her?

QUESTION — Barbara Randall of Holcomb, N.Y. would like a recipe for sugar cookies that stay soft.

QUESTION — Marian Mosemann of Lehighton thanks our readers for the many good recipes she has found in this paper through the years. She has requests for a fudge without sugar, an egg cheese recipe using goat milk, a Russian tea mixture, and a recipe for gingerbread ornaments made out of applesauce and cinnamon.

QUESTION — Anne Nolt, Reinholds, would like some recipes for filled cupcakes and lady locks.

QUESTION — Ruth Kuhns, Millmont, would like to know where to purchase coarse salt or coarse kosher salt used on pretzels.

QUESTION — Jack Hohmeier of Lincroft, N.J., writes that many years ago his grandmother baked a cake that she called Nell's Coffee Cake. It was a dark cake with many raisins in it. She made it in a roasting pan that was lined with brown paper. The cake was only 2-inches high. After it was baked, she did not cut it for 4 to 5 days. When she did, it was moist and chewy for many days. It did not dry out. Does someone have the recipe?

QUESTION — Jean Mitchell of Lewisburg would like a recipe for vegetable lasagna.

QUESTION — Irene Bandi, Easton, would like a recipe for pretzels like those sold at the New Holland Hay Auction.

QUESTION — From time to time, our readers have questions about things that do not pertain to cooking. Ms. Dorothy Barlo, Mifflinburg, would like to have a child's Minnie Mouse sweater pattern that is made out of bulky yarn. She will trade it for a Micky Mouse pattern. Write to her at R.R.3, Box 199, Mifflinburg, PA 17844.

ANSWER — Tracy Moyer from Reading would like a recipe for chocolate chip cookies that do not get hard after they are baked. Thanks to Sandy Frymyer, Ephrata, who said cookies can be kept or made soft if stored in a cookie tin. Place a slice of bread on top and cover tightly. Thanks to Mrs. Ray Keeny who sent two of her family's favorite recipes, and to Eva Southard.

Oatmeal-Chocolate Chip Cookies

1 cup soft shortening
1 cup brown sugar
1 cup white sugar
2 unbeaten eggs
2 teaspoons vanilla
2 tablespoons milk
2 cups flour
1 teaspoon baking powder
1 teaspoon soda
1 teaspoon salt
3 cups rolled oats
½ cup or more chocolate chips

Mix shortening, brown and white sugars, eggs, vanilla, and milk in a mixing bowl. Sift flour, baking powder, baking soda, and salt together. Add dry ingredients to creamed mixture. Mix well. Add rolled oats and mix. Last stir in chocolate chips. Drop onto ungreased cookie sheet. Bake in 375 degree oven for 10 to 12 minutes.

Banana-Oatmeal-Chocolate Chip Cookies

¾ cup butter
1 cup sugar
1 egg
1½ cups flour
½ teaspoon salt
½ teaspoon nutmeg, optional
1 teaspoon cinnamon
½ teaspoon soda
1 cup mashed banana
1¾ cups rolled oats
1 cup chocolate chips
½ cup nuts

Cream butter and sugar. Add egg and mix well. Mix dry ingredients and add alternately with the mashed bananas. Add oats, chocolate chips, and nuts. Drop dough on lightly greased cookie sheet. Bake at 350 degrees for about 12 minutes.

Chocolate Chip Cookies

1 cup all-purpose biscuit mix
¼ cup shortening
1 egg, slightly beaten
3 tablespoons milk
½ cup semi-sweet chocolate chips
1 package vanilla pudding

Mix together and bake about 12 minutes at 350 degrees. Store in covered plastic container.

ANSWER — Josephine Matenus, Dallas, sent a recipe for pasty's that was requested by Mary Gardner of Newburg.

Pasty's

3 cups flour
1 cup shortening
1 teaspoon salt
5 tablespoons cold water

Filling:

2 thinly-sliced potatoes
2 tablespoons chopped onions
Salt and pepper
1 pound ground beef

Sift flour and 1 teaspoon salt together. Cut in shortening. Gradually sprinkle water over mixture, mixing with fork. Add only enough water to hold pastry together. Divide pastry into two portions. Roll each about 9-inch around ½ -inch thick.

Place half of the filling on half of the pastry. Season with salt and pepper. Fold the other portion of the pastry over and seal the edges with a fork. Slit the top. Bake at 350 degrees for 40 minutes.

ANSWER — Mrs. Ed Snyder wanted a recipe for Rebecca's Rolls. Here is one from a reader who said that it comes from a Rebecca Boone Cook Book.

Rebecca's Hot Rolls

A cake of yeast dissolved in ½ cup lukewarm water
1 cup mashed potatoes
½ cup sugar
2 eggs, beaten
⅔ cup shortening
1 teaspoon salt
5 to 6 cups flour

1 cup milk, scalded and cooled to lukewarm. In a large mixing bowl, combine mashed potatoes, shortening, sugar and salt. Mix well. Add the beaten eggs. Add yeast to lukewarm water and add to first mixture. Stir in flour, enough to make a soft dough.

Cover and let rise in a warm place until doubled in bulk. Punch down and knead on floured board or cloth until smooth and satiny. Let rise again until doubled. Put in refrigerator until one hour or so before using.

Roll dough about ¼ -inch thick, cut into rounds, make a crease in center with the back of knife, dip in melted butter, fold and press edges together. Place in rolls close together in greased pans. Cover and let rise until double. Bake at 400 degrees for 12 to 15 minutes or until brown. Makes about 4 dozen.

(Turn to Page B9)

One-Dish

(Continued from Page B6)

CHEESE & CHICKEN TORTILLA CASSEROLE

4 chicken breasts, skinned and boned
½ teaspoon salt
¼ teaspoon pepper
18 corn tortillas
¼ cup corn oil
2 cups sour cream
1 cup milk
6-ounces Monterey Jack cheese, shredded
6-ounces sharp cheddar cheese, shredded
1 16-ounce jar of hot or medium salsa
Sliced black olives
Rings of red pepper

Shred or coarsely chop chicken. Toss with salt and pepper. Heat skillet. One at a time, brush each tortilla lightly with oil and cook for about 15 seconds on each side, until softened. Stack as they are cooled.

Blend together the sour cream and milk, either by whisking in a bowl or by whirling in a food processor or blender. Toss together with Monterey Jack and cheddar cheeses.

To assemble the casserole, spread about ⅓ cup of the salsa over the bottom of a shallow 9x12-inch baking dish. Cover with a layer of tortillas, overlapping as necessary. Scatter half the chicken over the tortilla. Drizzle about ⅓ of the remaining salsa over the chicken. Sprinkle on ½ of cheese and spoon ⅓ of sour cream-milk mixture over that.

Repeat with another layer of tortillas and ½ the remaining salsa over the tortillas. Cover with the remaining sour cream sauce and sprinkle what's left of the cheese on top. Garnish with a few sliced black olives and rings of red pepper, if desired. (The dish can be prepared to this point up to a day ahead. Cover and refrigerate). To bake: preheat oven to 350 degrees. Bake uncovered 30 to 40 minutes until the cheese is melted and the casserole is heated thoroughly. Serves 6 to 8.

Carly Soden
Wayne Co. Dairy Princess

STRING BEANS & HAM

2 quarts string beans
8 to 10 small potatoes, quartered
Small pieces of ham
2 carrots, cut-up
Salt and pepper to taste

In a large pan or dutch oven put all ingredients except salt and pepper. Cover with water and bring to a boil. Simmer about 2 hours, covered. Add salt and pepper. Serves 4 to 6.

Contributor writes that this has been one of her favorite meals for 70 years. She lives on a farm and she and her husband raise, freeze, and can their own vegetables.

Mary Watkins
Clarksburg, MD

A Cheddar Cheese Ball can become a centerpiece with the right shaping. Beat 2½ cups of Shredded Cheddar cheese until fairly smooth and blend in 2 tablespoons of milk. You can shape this mixture into a candle, decorating its sides with chopped nuts and adding a "flame" cut from orange peel. Or shape it into a football with "laces" of pimiento strips and a coating of chopped nuts. With a little imagination, you can shape this basic Cheddar cheese ball recipe to fit many celebrations.

Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

How To Deal With Financial Stress

What's the financial stress level at hour home? Most of us experience some stress when it comes to our financial situation at least at some point during our life. An overload of consumer debt, loss of income, lack of spending priorities and emergencies all contribute to an increased level of stress.

What can you do to help keep the stress level down at your house? First, set aside time to discuss as a total household, spending needs, and to set priorities. Plan ahead for emergencies by setting aside money each month. Be a smart shopper and plan shopping trips; do your homework. Buy necessary items first; use what is left for wants. Deal with local businesses so product complaints are easier to resolve.

Finally, limit use of credit by using it only when absolutely necessary or for convenience. Recognize that credit increases the total cost of an item. Use regular savings to offset the need for credit.

Sound money management can save many hours of financial stress, worry and strain. Begin a plan of action to reduce financial stress at your house today.

The Competent Child Is A Confident Child

Your three-year-old daughter is trying to dress herself and does a fine job of getting her shirt and jeans on, but she puts her socks on inside out. Rather than fussing about such a small matter, a positive approach to correction is best.

Instead of asking her, "Why can't you remember that the fuzzy part goes on the inside," try "Good! you put your shirt and jeans on right. Why not just change your socks and make the fuzzy part go on the inside?"

The second approach is positive, emphasizing what she did right and minimize her mistake, will leave the youngster feeling more confident about her ability. When children have faith in themselves, they do better in their everyday activities and are eager to try new and harder things.

Cook's Question

(Continued from Page B8)

ANSWER — A southeastern Pennsylvania reader wanted a recipe for a homemade horseradish sauce. Thanks to Mrs. R.L. Mendenhall, Concordville; Mrs. Larry Crider, Shippensburg; and Josephine Matenus, Dallas; for sending recipes.

Fresh Horseradish Sauce

¼ cup fresh horseradish
2 teaspoons mustard
2 teaspoons vinegar
1 teaspoon salt
½ teaspoon ground pepper
1 teaspoon sugar
3 or 4 tablespoons cream

Combine ingredients. Heat but do not boil. Makes about ½ cup.

Whipped Cream Horseradish Sauce

¼ cup grated horseradish
1 teaspoon cider vinegar
½ teaspoon salt
¼ teaspoon paprika
¼ cup heavy cream

Mix horseradish, vinegar, and seasonings. Before serving, fold in stiffly-beaten cream. Serve with cold meats.

Horseradish

2 or 3 roots, about 12-inches long

Scrape off outer skin and remove dark spots. Cut into 2-inch quarters.

Pour 1½ cups white vinegar into blender. Add ½ cup sugar and mix. Add horseradish pieces and blend until finely chopped. Pour off vinegar mixture to use again. Take grated horseradish out of blender. Add ½ cup sugar and more horseradish; add vinegar as needed. When all ground, pour off vinegar except what you need to keep moist in jars. Mix horseradish; add sugar and salt to taste. Great on sandwiches and meat; add catsup for shrimp sauce.

Mrs. Larry Crider writes that this recipe came from her grandmother who came from Poland. The recipe freezes well.

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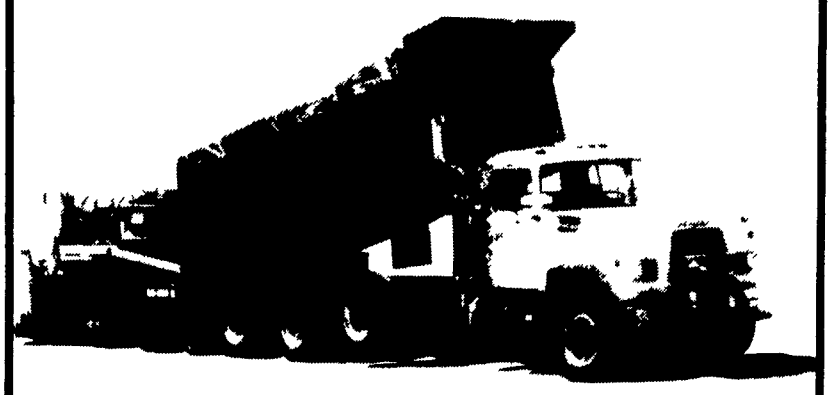

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Women GIs In Saudi Arabia Make Their Presence Felt

STEVE RAYMER
National Geographic
News Service

AL-KHUBAR, Saudi Arabia — When 19-year-old Valerie Mitchell breezed into the local Safeway supermarket here one night looking for "Afro perm" hair-care kits, more than a few customers gave her a second look.

Dressed in battle fatigues and sand-caked combat boots, the St. Louis native brushed past heavily veiled Saudi women in floor-length black "abayas," Arab men in flowing white "thobes" and scores of Europeans, Filipinos and Americans in this polyglot corner of Arabia. On aisle four she found what she and her sister soldiers wanted.

"After three months in the desert," beamed Pfc. Mitchell, a computer operator with the Army's 24th Mechanized Infantry Division, "this is a little bit of all right."

No problem, either, that Mitchell had only American dollars in her pocket as she lined up at one of a dozen checkout counters.

"We get more than 200 Americans a day in here, a lot of them women," the supermarket manager said, "and we gladly make change."

Thousands of American women in uniform have arrived in Saudi Arabia, perhaps the most conservative country in the Islamic world, as the U.S. troop buildup moves toward more than 400,000. A Pentagon spokesman refuses to say how many women are serving in Saudi Arabia and neighboring skeikdoms, saying only that women make up 11 percent of U.S. armed forces worldwide.

Because of the "combat configuration of our forces," says Air Force Maj. Douglas Hart in Washington, D.C., "the percentage is less in the Persian Gulf."

By U.S. law, women are barred from serving in front-line combat units. But on today's battlefield, distinctions between combat and non-combat are blurred.

The presence of women GIs, say both Saudi and U.S. officials, is an unspoken challenge to custom, tradition and religious teachings that have long made Saudi Arabia one of the most restrictive countries in the world for women.

While American women serve as tank mechanics, cargo-plane pilots, doctors, nurses, ammunition haulers and weather forecasters. Saudi women aren't allowed to drive cars. The government officially made it illegal in November after about 70 Saudi women staged a protest in Riyadh, the capital, to challenge the decades-old traditional ban on driving.

Under severe Islamic strictures, Saudi women are veiled and robed from head to toe, forbidden from appearing in public with men and from traveling anywhere without the permission of husbands or male relatives. The rules are based not so much on laws as on the Sharia, the edicts of the 14-century-old Koran.

"I haven't the slightest doubt," says one Saudi businessman who asks for anonymity, "that all these American women will change our country, especially the attitudes of very conservative young people."

Preparing for a battle they hope won't come, Navy nurses Pamela Wright of Waukesha, Wis. (left), and Joel Holmes of Trenton, N.J., checks a seaman's vital signs duringa combat drill on the hospital ship USNS Mercy in the Persian Gulf. Nearly half of the doctors and nurses on the 1,000-bed ship are women.

The number of uniformed married couples who are assigned to Saudi Arabia remains murky. Pentagon officials say they don't keep such statistics.

Murky, too, are numbers on mothers such as Pat Antosh, a major in the Army National Guard, whose four children are in the care of relatives in California. "Sure it's tough, tough on everyone," says Antosh, whose husband, Ste. a Marine Corps pilot, is also in Sa. arabia.

The Pentagon policy for women GIs who find themselves pregnant in Saudi Arabia is to send them home to have their children. Then they either return to military duty or take an administrative discharge.

At an air base in eastern Saudi Arabia, National Geographic saw more than a dozen women in battle fatigues board a military cargo jet for Dover Air Force Base, Del. All were pregnant, said an Air Force officer who showed the correspondent transportation orders confirming their condition.

The Pentagon confirms that 12 American women have been airlifted out of Saudi Arabia because they were pregnant, but says that all of them were considered "medical evacuations." It keeps no statistics on those shipped home for so-called "administrative channels" — discharges — because of pregnancy.

On another cavernous cargo jet, the flight crew taxis for takeoff. The co-pilot, a reservist, is a woman. A military police officer who stands guard nearby is a woman. So are the air base's weather forecaster and some doctors and nurses.

Lisa Wysong, 27, of Portland, Ore., her long brown ponytail flowing from underneath an Army-issue baseball cap, barks orders at Pakistani drivers as she directs the latest arrivals from America, members of the Alabama National Guard, onto buses that will take them to the desert.

"Whether you're a man or a woman," says Wysong, a graphic-arts student who was called to duty with the Oregon National Guard, "this place stinks."

Pakistani bus drivers receive instructions from U.S. Army Sgt. Lisa Wysong of Portland, Ore., at an air base in eastern Saudi Arabia. Wysong, one of thousands of women GIs stationed in the Moslem country, is responsible for moving fresh troops from the U.S. off jumbo jets and onto buses bound for desert bases.

Never Too Young To Start Saving Energy

Every Saving Tips for Kids:

Did you ever wonder what you can do to help save energy? Adults aren't the only ones who are using energy. You use energy every time you turn a light on, take a shower or play Nintendo. We sometimes forget how much energy each of us uses every day. Did you know that it has been estimated that one-fourth of all energy used is wasted? One 100 watt light bulb uses one fluid ounce of oil of 1⅓ ounces of coal every hour it is turned on -- this is whether anyone is in the room using the light or not.

When we burn fossil fuels (coal or oil) we are using up our supplies and we are also polluting the environment. When fossil fuels are burned they produce carbon dioxide. Carbon dioxide collects in the atmosphere and contributes to what scientists call the "greenhouse effect." Scientists have noticed the earth's atmosphere is warming (like a greenhouse) and believe this effect is changing our weather.

Each of us needs to save energy to conserve our fossil fuel resources and to protect our environment. Here are some hints for how you can help save fossil fuels and the environment. Remember every little bit helps. If everyone shut off lights they are not using, we'd save barrels of oil. Try using one or two of these simple ways to save energy.

Some very simple, but effective ways you can save fossil fuels today are:

- Make your shower no longer than necessary. By not staying in the shower until the hot water tank is about empty, you would be saving water supplies, the energy needed to heat the water and contributing to the good disposition of the rest of the family.

- Recycle waste materials. Newspapers, cardboard, aluminum, glass and some plastics can be recycled to conserve energy and also helps solve the problem of what to do with garbage.

- Combine trips so errands are completed with a minimum of mileage and backtracking.

- Close doors to rooms not being used and shut off heat or air conditioning to those areas.

- Take advantage of free solar heat! Open blinds, draperies and shades on the sunny side of your home during the day to let the sun warm your house in winter; keep them closed on hot summer days.

- Don't turn the water faucet on full force to wash your face and hands. Save water by using stoppers in the sinks when washing dishes or your hands and face.

- Use cold water or warm water rather than hot as much as possible when you do laundry or clean.

- Turn off the TV and radio when no one is listening. Unplugging the "instant-on" TV saves energy and also prevents possible damage during an electrical storm.

- Turn off lights when they are not needed. Newer models of light bulbs are often more efficient and produce the same amount of light with less wattage. Check the packages for lumen ratngs rather than wattage. Keep light bulbs and shades clean.

- Remind other people in your family to help save energy by following these same hints.

For more information or if you have other ideas for ways to save energy, please contact Debra Bryant, Wayne County Cooperative Extension, 925 Court Street, Honesdale, PA 18431. (717) 253-5970 ext. 239.

TAKING TIME

by Rebecca Wolf

Extension Home Economist

"Take Me Away"

"Take me away," the slogan for the Calgon Baths commercial, captures many parents' longings. Alarms ringing, dogs barking, kids fighting, dinner burning are part of the times I describe as "morning madness" and "the gangrene hour."

Farm families are not excluded from the tensions experienced by "working" parents! Economic pressures often cause one spouse to leave the farm each morning to earn wages elsewhere. Parents, regardless of occupation, know intimately the stresses of getting kids to the bus complete with lunch money, book reports, and clean gym clothes. They also witness wars breaking out minutes after tired bodies drag themselves through the door in the evening.

You can allow the morning rush to ruin your work day. You can let pre-dinner hassles soil your evening. Or you can choose to make changes that will give you the "take me away" sensation Calgon Baths promises.

Calming the morning madness actually begins the previous night. Select your clothes for work, and encourage children to pick theirs for school or daycare. This prevents a morning panic when sleepy minds can't think creatively or needed clothes are in the wash. Place the items you carry to work (keys, briefcase, purse, letters to be mailed, gloves) in a familiar place. Children should do this, too.

I've found that packing lunches in the evening helps save time. You may also want to set the table for breakfast the night before. Put out cereal boxes, cups, and spoons. A smaller child may have this as an evening responsibility.

Go to bed earlier. It may take your body a few weeks to adapt to the new time, but in the long run, it will be easier to rise in the morning. If you need to, set your clocks ahead. Those 5 or 10 extra minutes may help you stay on schedule throughout the day.

In the morning, you may find it refreshing to rise first and not disturb the others until you are dressed. Time alone can be just what you need to get yourself together without bumping into others or being interrupted.

Get up at least 1½ hours prior to leaving for work. This will help you avoid leaving the house with mismatched socks or without your paperwork. You'll also have time for breakfast which typically raises job performance. If you are late, take a piece of fruit, a muffin, or some cheese and crackers to eat as you drive or when you arrive at work.

Remember you don't have to do all the work. Your spouse and your children can help with morning tasks. Finally, after children catch the bus and you greet your boss or open the shop doors on time, reward yourself for a job well done.

Now, coming home is another challenge. I've borrowed the label of "the gangrene hour" from a mother of three who chose the phrase to describe "the time of day when things begin to rot. Parents are tired; kids are tired. Nothing is the way you want it to be." This is the classic "take me away" time.

We ALL need 15 or 20 minutes to shift gears from work to home-life. With little children, this time is difficult to find! You can treat the pending "gangrene" by staying a few minutes late at work to clear up details after co-workers have left, listening to your choice of music on the drive home (I enjoy a tape called "The Quiet), or by swapping chaperoning time with your spouse for 15-20 minutes so you can change clothes, go for a walk, or take a quick shower.

Even a few minutes to change out of barn clothes or office clothes and into "house" clothes upon arrival will give you precious time to unwind and collect your thoughts and patience.

Hunger and low blood sugar are culprits of whining, sharp voices, and spats during this hour. The last meal was probably 5 or 6 hours ago! Have apple slices, carrot sticks, peanut butter crackers, or raisins on hand to hold everyone over until a meal can be whipped up.

Make all these things part of the routine. If children and spouses know what to expect and how to help, the time goes more smoothly. For increased peace, turn the TV off. The gangrene hour can be a collision course for any family. Your challenge is to get through it with as little damage as possible.

Acting on some of these suggestions allows you to create your own "take me away" relief.

Rebecca Wolf is a Home Economist with Penn State Cooperative Extension in Lehigh County.

Omelet King Sets Record

Thanks to Howard Helmer, America's Omelet King, omelets hold a firm place in the Guinness Book of World Records. Howard recently broke the world's omelet speed record by preparing 427 omelets in just 30 minutes at the International Poultry Trade Show in Atlanta, Georgia.

The new record nearly doubles Helmer's previous title-winning effort of 217 omelets. Howard does not encourage others to create their masterpieces in 4.2 seconds (the effort requires 6 pans and 6 burners), rather his 40-second omelets have gained an admirable position in American folk cooking.

The omelet, which originated in France, is enjoying a resurgence in the American diet. From the shores of North Carolina to the streets of San Francisco, omelets create an easy balanced meal, possibly because it is the one entree that elegantly disposes of any kind of leftovers in the refrigerator. True eggheads stress using only the freshest ingredients for the best omelet.

Water Problems?
See Ad
Page D-4

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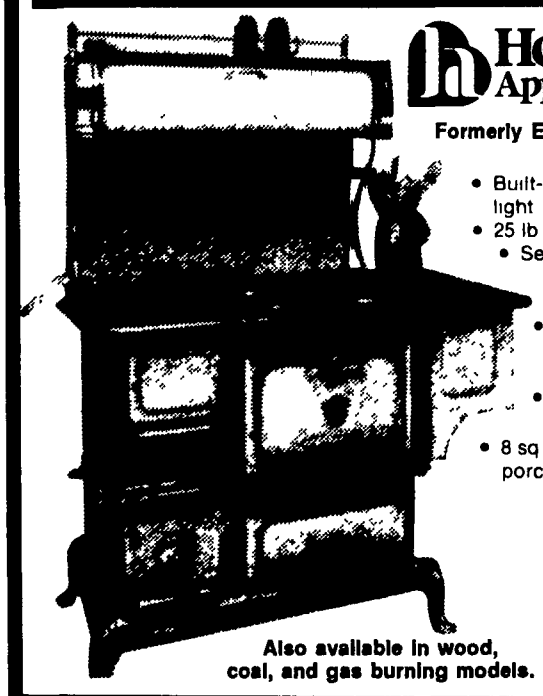

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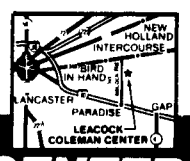

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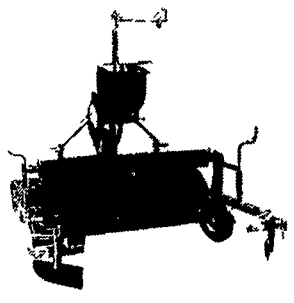

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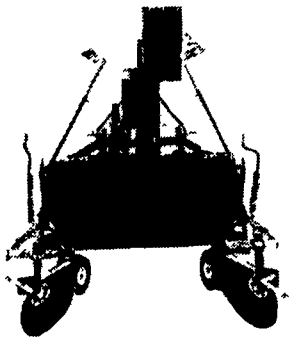

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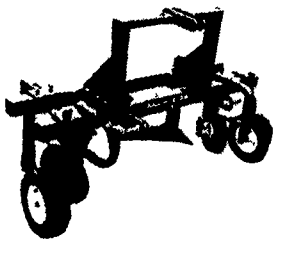

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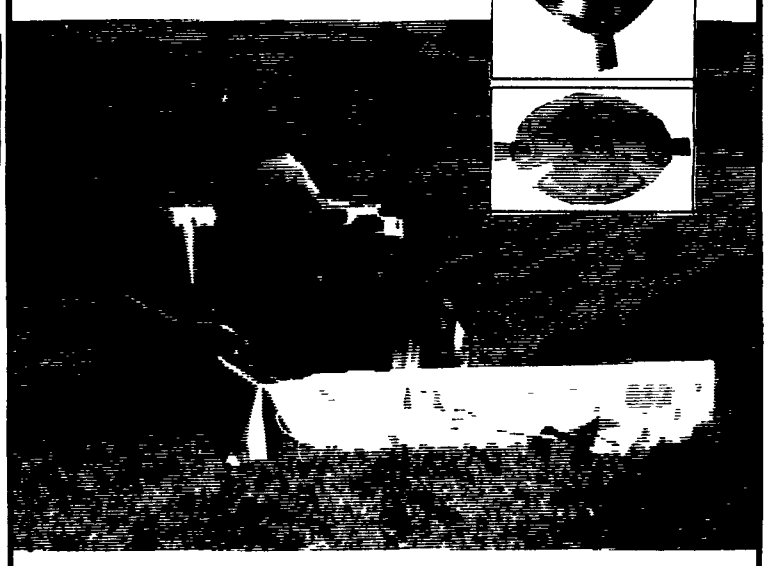

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The water delivery system is tested on the Shenk farm. Here, William Arble studies the flow of water propelled out of the tank by nitrogen gas. Other types of gases can be used, including carbon dioxide or oxygen, to propel water through special heat-resistant PVC pipes to sprinkler heads throughout the barn.

Fire Systems Help Protect Farms

ANDY ANDREWS
Lancaster Farming Staff

MANHEIM (Lancaster Co.) — Out the bay window, you see spirals of flame in the distance at the dairy barn. Smoke bellows above the branches, and as you run for the phone, you realize you face one of the most traumatic aspects of farming: fire in your barn.

Being prepared for fires and how they can be controlled with fire prevention methods can spell the difference between fire disaster and fire deterrent. The cost of repair, insurance, and cleanup of a fire on your farm could be more costly, in the long run, than taking preventive measures now to protect your farm from fire.

A 4-year-old project, called "Modern Fire Technology for Agricultural Buildings," operated by the Pennsylvania Technical Assistance Program (PennTAP), is testing fire protection equipment on several farms in Lancaster County. The buildings include a dairy barn, a poultry house, a horse stable, and a swine barn.

The project is operated under the auspices of the Ben Franklin Partnership Program, the agriculture engineering department at Penn State, and PennTAP. The project is headed by Dennis Murphy, ag engineer at Penn State, and William Arble, technical specialist for PennTAP.

Fires destructive

"We did this as a research project because we know there are a lot of farm fires, and most of them are totally destructive," said Murphy, who handled the wiring and alarm systems on the project. "Obviously it takes a long time for the fire department to get out, and by the time they get out here, the fire is out of control."

In 1987, working with dairy farmer Glenn Shenk, the team assembled what may be the country's first fire control and alarm system in use in a dairy barn. Using special sprinkler heads hooked to a 500-gallon water holding tank, as soon as a fire is detected, an area measuring 10 feet square is sprayed with water for about 20 to 25 minutes.

What happens is this: As soon as a fire breaks out, a sprinkler head opens, spraying a 10-foot-square area with water. In addition, a special alarm — in this case, a bell mounted on the side of the barn — sounds. (Depending on cost, a farmer can also use an alarm that alerts the local fire response agency.)

The sprinkler system sprays water in a local area to help contain and control the fire, if not put it out. The spray will contain the fire until a fire department responds.

Farm may benefit

The research project studies different fire detection and sprinkling technologies. The Shenk farm — with 120 head of cattle — may benefit from the project.

"I wasn't sure I wanted to go through with the project or not," said Glenn Shenk, who operates the farm. "I think that if there would be a fire, the system would at least slow it down so we could get the cattle out a little easier, or soon enough."

The barn, built in 1899, features an upper level of wood construction built on concrete blocks.

"Most systems aren't designed for this kind of environment," said Murphy. "They're for houses and stores, churches, and commercial establishments. What we're doing is pretty new. We don't know of anyone else that is putting sprinkler systems in this kind of environment to see how they work."

Not over-the-counter

But the researchers caution farmers that the system is not an "over-the-counter" item. A fire protection engineer must study the barn to see what type of design will work best. According to Arble, the farmers can then install the plumbing system or have a plumbing contractor install it. A detection system, because of its complication, requires professional installation.

Recently, the designers visited the Shenk farm to test the alarm and sprinkler system. Their tests proved successful and may point the way toward other systems and techniques to make a system such as the Shenk installation more affordable.

"Most fires start small," said Murphy. "Our system is designed to notify people that there is a small fire and most times will put out a small fire. It won't put out a huge fire, but hopefully it would put out a fire before it ever got huge."

Murphy said the system can be monitored 24 hours a day by a surveillance company.

Similar systems

The researchers have also installed similar systems in a horse barn, Sil-Mar Farms in Kirkwood; a poultry barn, Kreider's in Manheim; and a swine house, the Barry Haldeman farm in Penryn.

The swine barn, measuring 260 feet by 35 feet and holding about 1,000 head, has detector heads installed and a local alarm in place.

A tank holds 500 gallons of water that is distributed to the sprinkler heads using an electric pump.

The swine fire sprinkler system awaits the procurement of a new special heat-resistant type of pipe for water delivery.

Examine cost

After the fire is quenched, there will be a lot of time to examine the cost of damages to your business. Having adequate insurance is one concern to protect yourself in the future, and rates can be set accordingly.

Insurance experts are advising farmers to lower the risk by installing some type of fire suppression system on the farm. In some cases, premiums can be reduced if some type of system is installed, according to Steven D. Dyer, director of special projects with Old Guard Mutual Insurance Company in Lancaster, a sponsor of the PennTAP project.

"Fires in farm buildings are generally destructive," said Dyer. "The barn burns before anybody can get there. Because of the construction of the barn and often because most barns are rural, there are not a lot of fire companies close by."

Old Guard is a sponsor of the "Modern Fire Technology for Agriculture Buildings" Project since 1986. Through the efforts of the Northeast Regional Agriculture Engineering Service (NRAES), Old Guard sent copies of "'Fire Control In Livestock Buildings," a rundown of construction methods, fire detection, and sprinker systems to its farm agents.

Outlines ways

The 18-page guide, published by the Northeast Regional Agricultural Engineering Service, outlines ways farmers can install ven-

(Turn to Page B14)

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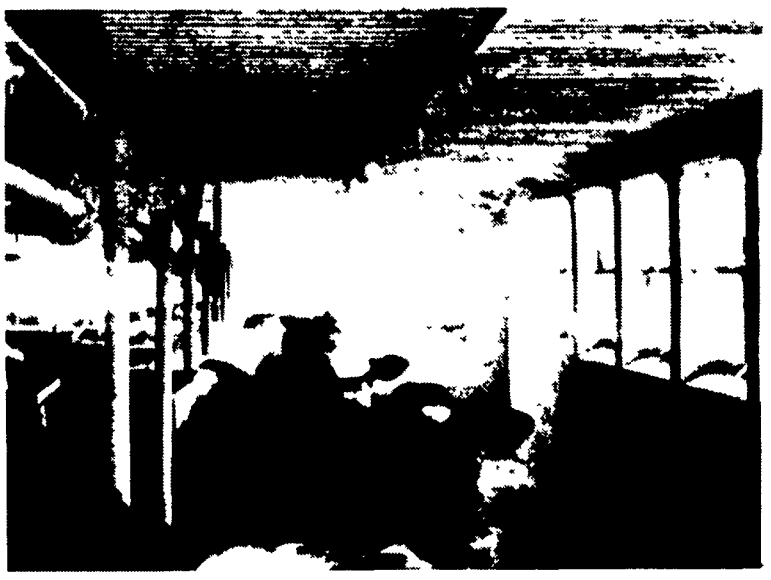
Fire Systems Help Protect Farms

William Arble, technical specialist with PennTAP, checks out a sprinkler head at the Shenk farm. If a fire is detected, the sprinkler will activate for 20 to 25 minutes to help control and contain a fire.

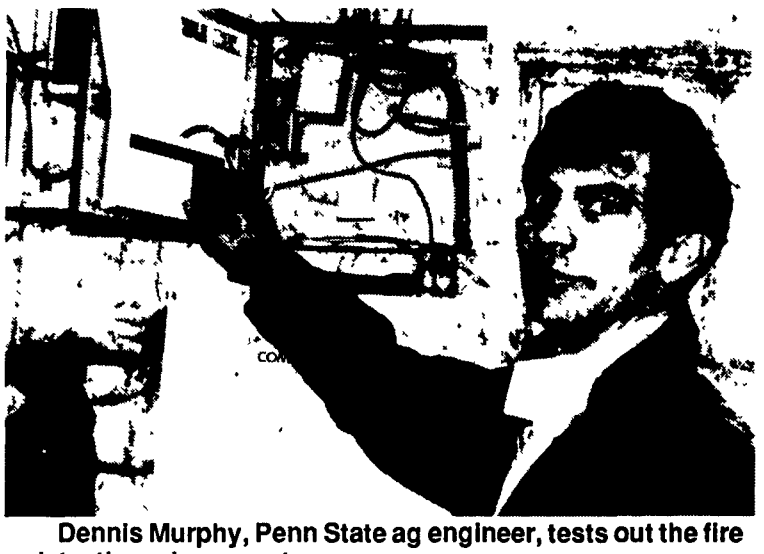
Steve Dyer, director of special projects for Old Guard Mutual Insurance Company, was liaison on the fire prevention project.



"I wasn't sure I wanted to go through with the project or not," said Glenn Shenk, who operates the farm. "I think that if there would be a fire, the system would at least slow it down so we could get the cattle out a little easier, or soon enough." Sprinkler heads are mounted above the cattle, ready to respond in case of fire.

(Continued from Page B12)

tilation, warning devices, fire suppression systems, and additional installations in a barn. Smoke detectors, sprinkler systems, and appropriate diagrams on how to install a working system are laid out for the average farmer. (The booklet is available from the Publications Distribution Center, 112 Agricultural Administration Building, University Park, PA 16802; enclose $2.50 for postage and handling.)



Dennis Murphy, Penn State ag engineer, tests out the fire detection alarm system.

The project leaders check out the alarm system before a test of the water delivery system on the PennTAP project at the Glenn Shenk farm.

The 500-gallon holding tank uses water from the cattle delivery system at the farm. William Arble, PennTAP technical specialist, installed the plumbing of the fire control system at the Glenn Sheck farm in Manheim.

Dyer said the booklet is a benefit to farmers. "It tries to explain to the farmer what the system is and what it will do," he said. "The ultimate benefit, if many farmers would do this, is when a building catches on fire, the sprinkler system would come on enough to control the fire. It might not put it out, but at least it will knock it down to the point where it's manageable until the fire department arrives."

Dyer said because Penn State was doing the primary research, farmers were willing to volunteer some farms for the work. "Penn State was a big part of it," he said. "The fact that we could say this was from Penn State and they had a good reputation."

According to a story published in "Old Guard Chronicle" (the company newsletter) about the system in 1987, in the past, farmers attempting to install fire suppression systems have had problems. "Pipes were subject to freezing and cracking, and the chemicals present in many farm buildings caused the pipes to deteriorate. According to Murphy, technology currently exists to alleviate these problems, but the technology has not been applied to the fullest extent."

Improve detection

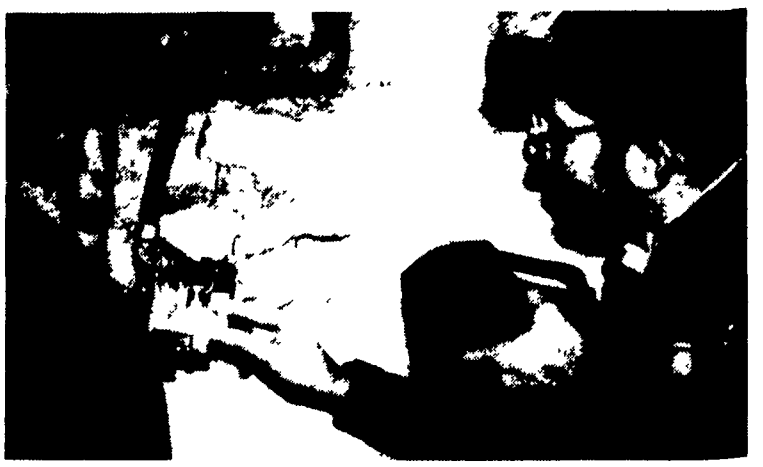
Old Guard, which has a total of 350 agents (and about 70 agents in Lancaster County alone who write farm insurance), believes the work of PennTAP "will contribute to improved fire detection and suppression systems for agricultural buildings and increased use of those systems by farmers," according to the Chronicle. "When this occurs, it will allow Old Guard to develop rate credits that recognize the installation of fire control systems."

Dyer agreed. "It certainly wouldn't raise them. In most cases, it's hard to tell. That's a problem we're still wrestling with. Dennis (Murphy) is really concerned and so are we that the system is affordable.

"And we can't say, dollar for dollar, exactly how much the farmer is going to save on any particular policy," said Dyer. "Certainly it makes the risk more insurable. And it makes it a better risk.

"The booklet tells them what they need to think about and what they can do to make their farm more insurable and safer," he said.

Mounted in the Haldeman swine barn in Penryn is a 500-gallon tank filled with water. According to William Arble, technical specialist with PennTAP, a special electric pump delivers water to sprinkler heads.



A flow switch, activated by a microswitch that responds to water flow, signals an alert — a possible fire. William Arble checks out the switch before a water delivery test.

On being a farm wife - And other hazards

Joyce Bupp

"Look at this," said The Farmer one morning last fall, displaying a highly-unusual "find."

The grisly thing he dangled before my eyes looked like something out of a Stephen B. King horror flick. Hollow eye sockets stared blankly from a roundish, beige skull. And attached to the skull was a ragged-looking, stiff and misshapen skeletal system.

But rather than revulsion, the sorry-looking specimen instead brought us sorrow and disappointment. A few large, brownish-marked feathers still clinging to the skeletal structure, plus much smaller and finer feathering near the taloned feet, testified that these remains had once been a proud bird of prey.

But what? Hawk? Or owl?

The remains had come out of one of the silos with the morning's running of corn silage for the cattle. Hawks don't generally hang around the interior of silos where they could meet such an untimely end in a winter's supply of cattle forage.

But, barn owls find the lofty reaches of farm silos the bird-world equivalent of a penthouse suite. And we've known of barn owls hanging around the silos off and on for several years. Comparing clues from the remains with descriptions in our birding books, we concluded that the skeletal remains were indeed those of a barn owl.

We feel particularly honored - and with a sense of responsibility toward them - when varying species of birds and wildlife choose to share our territory, especially those that might be somewhat endangered.

The dozen-plus bluebird houses scattered over the property, the mid-pond goose nest platform that lured in our first hatching pair of Canada geese last year, and a pair of martin houses near the ponds offer housing to local and transient feathered friends. A variety of bird feeders around the yard caters to their appetites. Now, inadvertently, we may have set up an owl feeder of sorts.

We first heard the classic "Whoooo, whoooo" of a Great Horned owl (we think) last fall, just about the same time the barn owl skeleton turned up in the feed conveyor system. A coincidence, no doubt.

The haunting sound was right overhead in the old maples, but half-asleep, at midnight, I failed to hop out of bed and go looking for this unusual visitor. A few nights later, though, the deep-throated call sounded again just outside the house. Flashlight in hand, I stalked to the corner of the front porch into a cold night, aimed the glow toward a tree and a wide-winged shadow sailed away over the back yard.

"Dummy!" I growled at myself. "Now you've scared it off."

But on a brilliantly moonlight night shortly after, as I headed to the house after milking, the dark, wide-winged shape sailed back into the yard, landing near the top of the towering old pine tree. The large bird remained there long enough for me to run back to the barn office, rush back with The Farmer in tow, and watch the dark shape glide back off into the glowing night.

Why would this large owl suddenly move in? Just below the house and near the ponds is a stack of large, round hay bales. Mice make themselves right at home among the bales, which provide shelter and provisions during the cold months. So the cats daily stalk the bales, and foxes are frequent visitors at more distant storage stacks. Owls, apparently, come to the big-bale mice buffet, too.

A large, oblong, one-side-open plywood box sits in the basement, neatly stenciled with the words "Barn Owls Only." This wonderful gift from close friends is designed to be located inside the uppermost corner of a barn where it faces an open meadow. An opening cut into the barn allows the owls entry into the nesting box, designed with a sturdy door for cleanout and reinforcement against nest-robber raccoons.

Maybe next time The Farmer comes with a "look at this" owl surprise, it will be to point out a real live one moving in.

Mulch young trees and shrubs with well-rotted manure, leaves, wood chips or peat moss.

Facts About Rubber Bands

Here are some facts about rubber bands that may stretch your imagination. Did you know that:

• The United States government has 10 pages of specifications for standard rubber bands, including a requirement that tensil (breaking) strength be 1,200 pounds per square inch. One manufacturer, Arrow Rubber Products of Shelton, Connecticut, produces bands that require more than twice that strength to break. Arrow's bands exceed 3,000 pounds of tensile strength per square inch and stretch to more than seven times their original length.

• Pure, natural rubber gives a better snap than synthetic materials that don't provide quality. Poor quality bands don't snap back to their original size and don't last as long.

• Arrow Rubber only uses important natural rubber from Southeast Asia to make its bands — rubber right from the tree. The tree, Hevea brasilienis, is tapped just like trees in New England are tapped for maple syrup. A thin layer of bark is removed allowing the raw latex to drip into a cup for about three or four hours. The liquid is then coagulated and processed into bales that are shipped to manufacturers elsewhere in the world.

• The largest bands made by Arrow are about six inches in diameter and will stretch to go around 55 gallon steel drums. The smallest have a diameter of just 90 thousandths of an inch.

• Rubber bands have many industrial uses. They're used to manufacture golf balls - holding the ball as a machine wraps elastic around a core. Rubber bands are also used to manufacture aerospace equipment and by photographers for extra grip on stuck tripod knobs.

• High quality rubber bands are needed to hold the ropes in a parachute (called shroud lines) — to make sure the chute opens as it should when someone jumps from a plane.

• Christopher Columbus first observed people native to Haiti playing a game with a ball fashioned from smoked-dried latex. Today, rubber and rubber bands are in use everywhere, from sling shots to orthodontial works, holding lobster claws,in toys and even for grooming horses.

Encourage Children To Read

Did you know that of the 42 million children in the United States two out of three cannot read, won't read or hate to read. Schools spend a tremendous amount of time and energy teaching children to read. But the primary problem is that parents, teachers and child care providers have forgotten to teach children to want to read. Desire is not something children are born with. It is a seed planted early in a child. The adult plants this seed by reading to the child and introducing the child to the joy and excitement that comes from books.

Children learn through imitation. They imitate the adults in their environment. Between the ages of two and five imitation is at its greatest. If children see adults reading they will come to view reading as something good and desirable.

Encourage a child's desire to read by:

• Begin reading to a child as soon as possible. Use large picture books and Mother Goose rhymes for infants and toddlers. Increase the complexity of the books as the child grows and the attention span lengthens.

• have a special time every day for stories, perhaps before nap time.

• Use plenty of expression. Change your tone of voice to fit the story.

• Make story time special. Occasionally try something new (a stuffed toy, a felt character from the story) to add interest and excitement.

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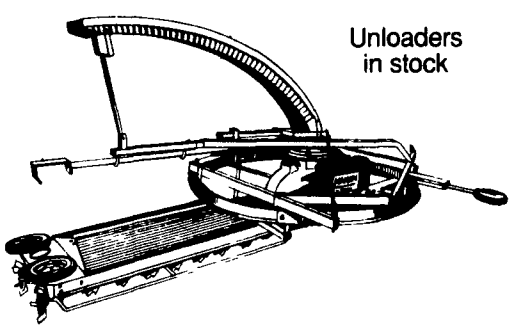

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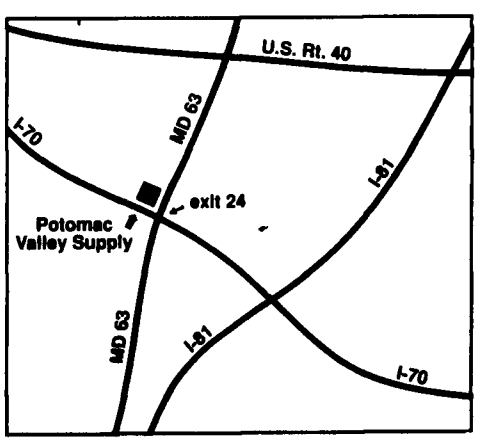

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No Patterns Needed By 88-Year-Old Seamtress

BONNIE BRECHBILL
Franklin Co. Correspondent

McCONNELLSBURG (Fulton Co.)— When a woman in Florida needed a wedding gown recently, she had a friend draw a picture of the dress she envisioned.

She sent the sketch and her measurements to a seamstress in McConnellsburg. When the bride came north a few days before her wedding, she tried on the completed dress.

"The only alteration it needed was an extra ruffle on the bottom," said Yvonne Metcalfe, the 88-year-old seamstress who created the pink gown.

Metcalfe regularly creates finery for weddings in southcentral Pennsylvania and northern Maryland. Often, the bride and her attendants come to Metcalfe with pictures torn from a magazine or catalog, and she reproduces the dresses exactly. She cannot explain how she can take a piece of fabric and cut out the correct shapes for an elaborate gown without an exact pattern. "It just comes natural to me," she said. "I just do it."

Sometimes she uses a pattern from another gown, and varies both the shape and size for the dress the customer has in mind.

She occasionally sews from purchased patterns, which customers bring to her when they want a specific garment.

All this creativity takes place in a small, neat room in Metcalfe's home. Thirty or 40 garments in various stages of completion hang on racks. Pegboards on the wall hold hundreds of spools of thread. Pinned to the curtain beside the sewing machine are pictures of dresses that customers want her to duplicate.

The small, well-dressed woman grew up watching her mother make clothing for her large family. Metcalfe made her first article of clothing at age 15 -- a dress for herself. "My mother put the sleeves in for me," she said.

After graduating from high school she went to work as a fitter at a clothing factory in Hagerstown, Md. "I've been sewing ever since," she said. She operated her own tailor shop for a few years after she left the factory.

Twenty years ago, she and her husband, who are childless, moved to McConnellsburg to be near a niece. Metcalfe decided to quit sewing. After her husband died, however, she decided she needed something to keep her busy.

The sewing business has amply fulfilled that need.

"I'm sewing more now than I ever did," Metcalfe said. She starts sewing about 10 o'clock in the morning and continues until 10 or 11 o'clock at night.

"I don't do anything else, though," she added. "I have a heart condition, so I have someone to do my housework."

Metcalfe has never felt the need to advertise her services. "I have more business than I can do now."

"My family fusses me for doing it," she added, "but they don't know the happiness I get out of it. I'm lucky to have good health, and I'm blessed with good eyesight."

While she feels she "shouldn't take the time" to go to the local senior citizens center once a week for a noontime meal, she admits that it's nice to get out occasionally. Metcalfe is not lonely by any means, though. "People are in and out of here all the time to pick up and drop off clothes."

She has sewn the clothing for three weddings since May, while keeping up with the numerous alterations she does on men's clothing. "They weren't all complete weddings, though," she added. "Some were just the bridesmaids and the flower girls." She estimates it takes her two days to make a gown from start to finish, if she worked only on that project.

"I have four weddings (scheduled) through next June," she said. "And prom dresses (are needed) at the same time. I'm going to be busy next spring."

Yvonne Metcalfe, 88, creates wedding and prom gowns for customers in two states. Photo courtesy of PUBLIC OPINION.

A bride recently sent Metcalfe a picture of herself in her mother's wedding gown, which Metcalfe had made many years ago. Metcalfe located a photo of the original wedding party and observed, "These dresses look 'homemade' to me now."

While Metcalfe's favorite projects are the prom and wedding gowns, she does "a little bit of everything," including Halloween costumes and high school band uniforms. Her most unusual project to date was a pair of pants for an incontinent dog.

For Your Information

The most popular variety of cheese with Americans is cheddar. Unfortunately, it is also one of the highest-fat cheeses. Around 65% of the calories in a one-inch cube of cheddar cheese comes from fat. *(Tufts University Diet and Nutrition Letter, April 1990)*

According to the National Traffic Safety administration, car crashes are the leading cause of worker absenteeism.

By the time today's child turns "seventysomething", he/she will have spent a full seven years in front of the television. *(Tufts University Diet and Nutrition Letter, July 1990)*

On the average day, Americans spend $2,021,918 on home exercise equipment and $10,410,959 on potato chips. (Tom Heyman, *On an average day*, Ballantine Books, 1989)

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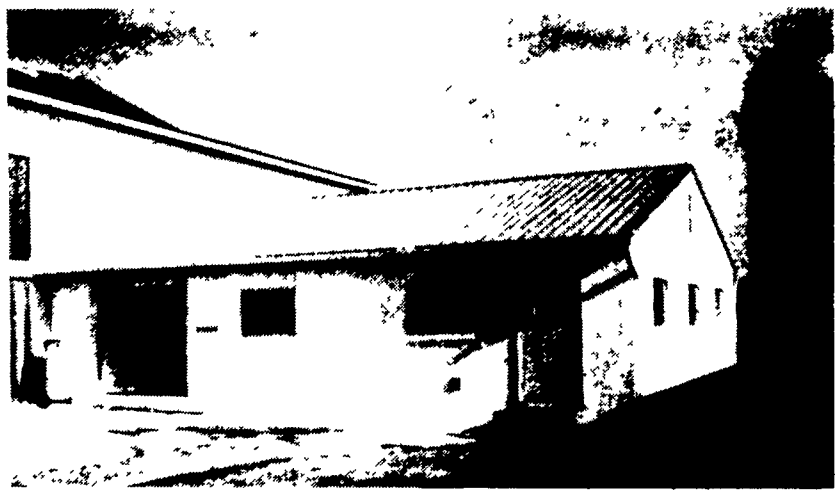

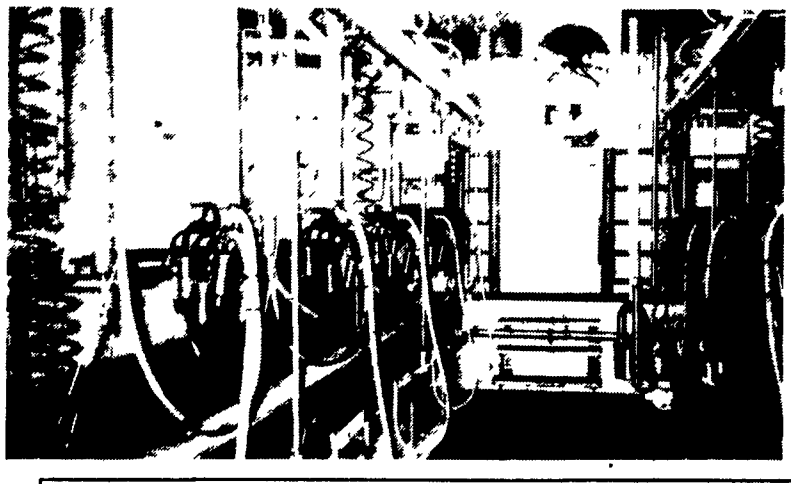

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Penn State Dairy Team In International Contest

UNIVERSITY PARK (Centre Co.) — The 1990 Penn State Dairy Products Judging Team participated in a regional and an international collegiate contest, placing 6th and 12th.

Seven Penn State University College of Agriculture students evaluated eight samples of six dairy products for appearance, flavor, body and texture. Their scores were compared to those of three dairy industry official judges for each product.

They were in Glenview, Ill., for the Midwestern Regional Contest and Montreal, Quebec, Canada for the International Collegiate Contest.

Four of the students have already helped ensure that consumers receive high quality, good tasting products by working one or more summers in the dairy industry and five of the seven plan to seek employment in the dairy industry upon graduation. Most of the funds for training and travel were provided by the dairy processing industry in Pennsylvania.

Shown sitting are left to right, Mark Swartz, Mechanicsburg; Brian Anthony, State College; Nicholas Full, York. Standing left to right are Judy Zerby, Knoxville; Donald Carlson, Reading; Laurie Williams, Harrisburg; Mary Ann Keith, Entriken; and coaches Rod Smeltz and Sid Barnard. Missing is Tom Palchak, coach.

Ida's Notebook

Ida Risser

Recently my husband and I had brunch with some friends in their home which has been turned into a bed and breakfast. We were given a tour of their 19th century home filled with antiques. Being an interior decorator, our hostess has many large bouquets of dried flowers artfully displayed everywhere. One wall of the living room was covered with paintings by local artists.

A summerhouse, located nearby, was also furnished tastefully and had a walk-in fireplace. The upper floor was reached by a winding, curved stairway the same as one in our 1813 house. The beds had newly hand-woven coverlets and there were braided rugs on the floor. It definitely had a country flavor as it was located along the Conestoga River.

Each guest had his picture taken and he was asked to write a few comments in a book. This helped the hostess to remember each visitor.

There are many bed and breakfast establishments in Lancaster County. I've had the priviledge of touring many of them. Some are in small towns, some in cities, and others are in wooded country areas. People who have traveled overseas often comment on the pleasure they received as they stayed with different families.

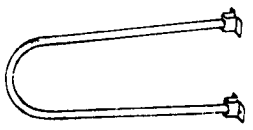
At one point my son suggested that I use some of our summer cottages in this manner. Now I do not mind working, but I can not imagine stripping beds and cleaning up day after day for guests. I can easily keep myself busy caring for my own family.

Alert On Nutrition

There is a new mail order network marketing company, Omnitrition International, which distributes a line of nutrition supplements developed by "Nutritionists" Durk Pearson and Sandy Shaw. Their qualifications as nationally-renowned nutrition scientists are suspect according to the Food Science Department at Penn State.

While these products may not be dangerous they are unnecessary and a waste of your money.

Barn Equipment



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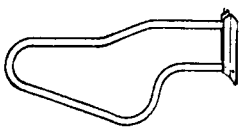

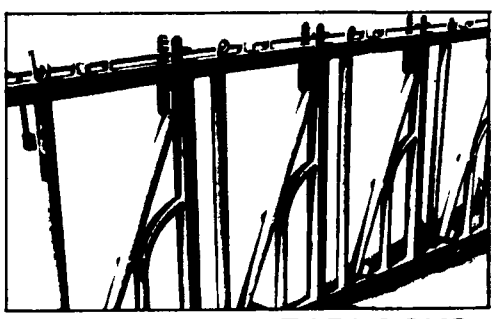

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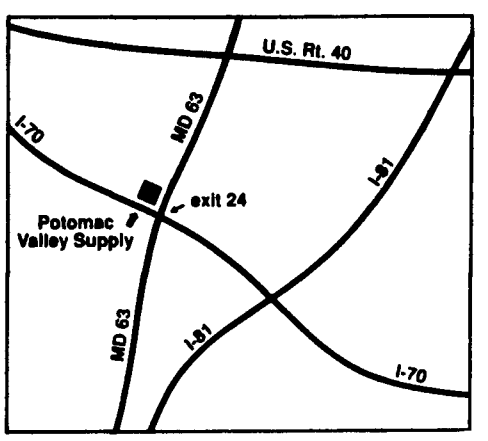

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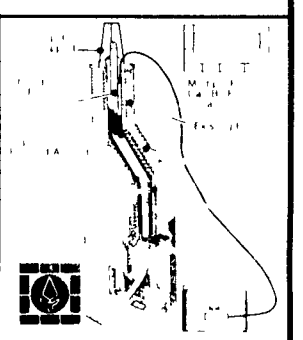

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York To Hold Ag Recognition Banquet

YORK (York Co.) — The York Area Chamber of Commerce is holding its fourth annual Agriculture Recognition Banquet, honoring those who represent and enhance the agricultural industry.

Guest speaker will be E. Linwood Tipton, president and chief executive officer of the International Dairy Foods Association. His responsibilities include managing the affairs of the Milk Industry Foundation, the International Ice Cream Association, the National Cheese Institute, and the American Butter Institute. As an association spokesperson, Tipton is a frequent witness before the congressional committee and regulatory agencies. Along with his current duties, Tipton is also chairman of the board and CEO of a restaurant/motel chain he cofounded in 1967.

Born and raised in Missouri, Tipton's expansive knowledge of the agricultural industry and diverse business experience stems from way back. Tipton owned and operated retail ice cream shops; he later worked as an economist for a producers' cooperative and in 1962 he was executive director of an economic consulting service for milk companies in the Northeast.

Awards will be presented following dinner and E. Linwood Tipton's speech. The chamber will acknowledge the participants of the 1990 ag-exchange day and the hosts of the 1990 farm visitation day. Additionally, the chamber will present the prestigious Farm Family Award, the Century Farm Awards and the Distinguished Service To Agriculture Award.

The banquet will be held Thursday, January 24, 7:00 p.m., at Wisehaven Hall. Tickets are $14 per person or $112 for a reserved table of eight. Organizations sponsoring tables will be acknowledged in the banquet program. To register or for additional information, contact Grace Julius at the Chamber of Commerce office, One Market Way East, York or (717) 848-4000.

Marketing To Baby Boomers Is Focus Of PDPP Annual Meeting

Advertising to Baby Boomers is the main feature at the Pennsylvania Dairy Promotion Program's third annual meeting, January 28, in Hershey.

Douglas H. Banik, the senior vice president and director of Research and Strategic Planning, will present a program on "Advertising and the Baby Boomer. A Creative Look at Selling to America's Single Largest Audience." Banik, a past editor of the Journal of Advertising Research, has conducted extensive research on today's consumer.

Dairy promoters across the United States are keyed to today's consumers, who are primarily members of the "baby boomer" generation. Banik will discuss efforts within the dairy industry to advertise to this market and will also focus on other advertising strategies used to lure baby boomers to buy consumer products.

The meeting agenda also includes the selection of the PDPP's outstanding Promoter of the Year. Three finalists have been selected, Claudia Ditch from Indiana County; Laura England from Bucks County; and Bernard Morrissey from Lancaster County.

Ditch is employed with Farm Credit in Indiana County and currently serves as vice-chairperson of the county's dairy promotion committee. England is employed with Atlantic Dairy Cooperative in Southampton, and has been instrumental in organizing a dairy promotion committee in Bucks County. Morrissey is the president and owner of Morrissey Insurance Inc., of Ephrata, and has contributed to dairy promotion activities in Berks, Lebanon, and Lancaster Counties.

The Promoter of the Year award is designed to recognize individuals that contribute to dairy promotion activities at the local level. This recognition is directed at individuals that do not receive a direct benefit from dairy product promotion. The winner will receive a cash award and plaque.

The PDPP staff will also present a year end report of the program's activities during 1990. The annual meeting will begin on the 28th with registration at 9:30 a.m. For more information, contact the PDPP at (717) 787-6903.

FFA HAPPENINGS

Greenwood Member Wins $1,000 Scholarship

Lisa Hinkel, a senior member of the Greenwood FFA, was a recent recipient of a $1,000 FFA agriscience scholarship.

To earn this award, Hinkel completed a research project involving weight gains of shorn and unshorn ewe lambs. The experiment was completed during the winter of 1990 and submitted for judging last summer.

Lisa serves as chapter vice president and was named Star Greenhand and Star Farmer. She has shown her livestock at the Perry County Fair as well as the Keystone International Exposition and the Farm Show.

The daughter of Steve and Betsy Hinkel of R.D. Millerstown, Lisa will enter college this fall with hopes of becoming a veterinary technician.

Ms. Baker, Lisa's chapter advisor, credits Hinkel with being a hard worker who is diligent and exact in her work. Baker said,

Lisa Hinkel

"Lisa is most deserving of this award. She put in long hours in the design and execution of her research." Hinkel thanks Dr. James Lawhead of the Millerstown Veterinary Clinic for serving as project mentor.

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1 - L355, 4 WD, 36 Hp. Tractor w/Loader, 1800 Hrs.	$9,900	$8,900
1 - G6200, Hydro w/48" Belly Mower & Blade	$5,400	$4,900
1 - B9200 DT, Gear w/Loader		Coming In!
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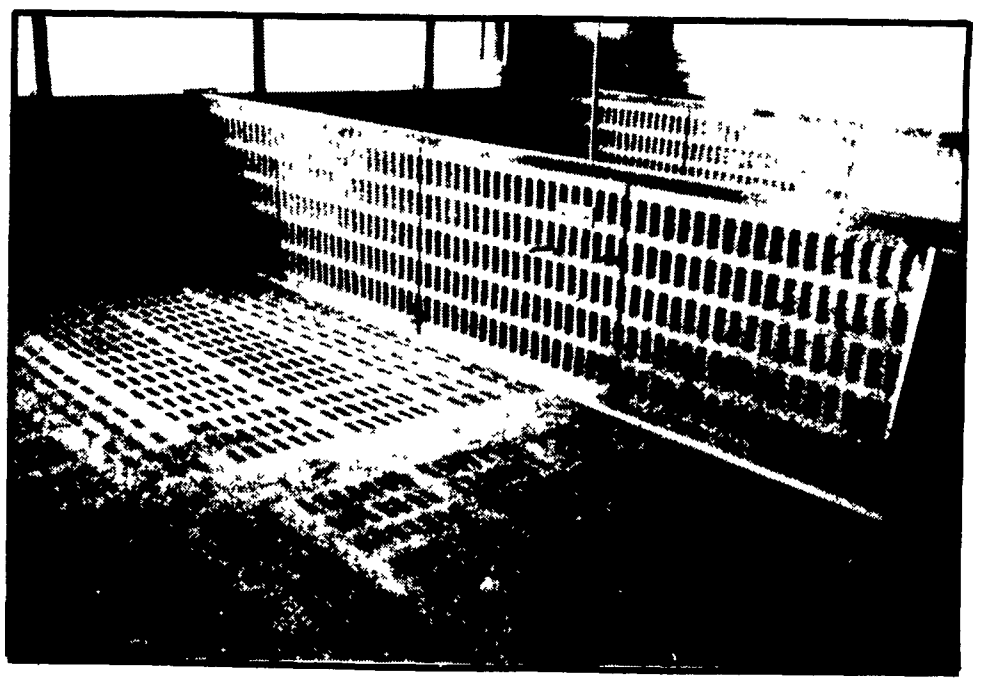

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ADADC Promotion Creates Forum

SYRACUSE, N.Y. — When the American Dairy Association and Dairy Council Inc. (ADADC) recently sponsored New York Run For '92, various county promotion groups, along with dairy princesses, came out in full force to do their part.

Throughout November, local county promotion groups, dairy princesses and ADADC delivered the "Milk, America's Health Kick" message at the torch run sites. Ceremonies took place in Buffalo, Rochester, Geneseo, Watertown, Syracuse, Binghamton, Utica, Albany, Schenectady, Saranac Lake and Lake Placid.

During several of the ceremonies, dairy princesses had the opportunity to speak on behalf of New York state's dairy farmers. Attendees were able to sample some of New York state's finest dairy products donated by local manufacturers. Among the products sampled were milk, cheese, yogurt, and of course, ice cream.

As part of their participation, promotion group members and some dairy princesses wore the "Magic Cow" costume and ran with the Olympic torch at the sites. "I Love Milk" stickers and dairy recipe leaflets were also handed out. Olympic athletes, along with elected officials and business leaders, also participated in the ceremonies.

The torch runs were conducted in order to raise funds for Olympic athletes training for the 1992 winter Olympics in Albertville, France. Money raised was donated directly to the United States Olympic Committee.

Oneida County Dairy Princess Karen Pritchard and county committee person Mary Burkert, dressed as the Magic Cow, get an upclose look at the bobsled used by the U.S. Olympic Bobsled Team. The bobsled, cow costume and other Olympic and dairy related activities were part of the recent New York Run For '92, sponsored by ADADC on behalf of New York state dairy farmers.

4-H HAPPENINGS

Chambersburg 4-H Horse And Pony Club

The Franklin County 4-H horse and pony club of Chambersburg elected new officers for the coming year at its recent reorganization meeting.

The following new officers were elected. Rodney Garling, president; Julie Gayman, vice president; Beverly Miller, secretary; Kathryn Ringer, treasurer; Aimee Wolgemuth, press reporter.

In November, the club held its annual awards banquet. Winning High Point Senior Award was Kathryn Ringer and High Point Junior was Beverly Miller.

Receiving 60 points award were Aimee Wolgemuth, Larissa Mellot, Kathryn Ringer, Beverly Miller, Robert Faith, and Julie Gayman.

Awards were given to members with outstanding project books.

Receiving the best tenderfoot book was Larissa Mellot, with Beverly Miller, Kathryn Ringer, Collette Collins and Julie Gayman as runners-up. The best novice book was awarded to Aimee Wolgemuth with Robert Faith and Renee Bowman as runners-up. The best tiny trotter book was awarded to Beth Diehl with Brooke Diehl and Shawn Collins as runners-up.

Earning perfect attendance awards were Aimee Wolgemuth, Kathryn Ringer, Theresa Shank, Beverly Miller, Beth Diehl, Julie Gayman, and Brooke Diehl.

South Mountain 4-H

The South Mountain 4-H Club will hold its organizational meeting on January 28 at 7:30 p.m. at the Fontana Community Building.

Mary Kreiser will introduce the art and fun of working with clay. The group will be making a clay project with the theme, "Surrounding the Farm." She will teach the techniques of working with ceramics.

The club is starting a recipe book with their favorite foods. Each member is asked to bring two recipes along to the meeting.

South Mountain 4-H is participating in the Cyclethon for the American Heart Association on Jan. 31 at 6 p.m. The club has eight teams entered this year and would like to challenge any other 4-H clubs.

FFA HAPPENINGS

MILLERSTOWN (Blair Co.) — Todd J. Cauffman, 1990 Pennsylvania FFA State Star Farmer, recently competed at the Big E Exposition held at Springfield, Massachusetts, for the Eastern Regional Star Farmer. Sixteen states were eligible to send their star farmers for the competition.

Cauffman is the son of Faye and Glen Cauffman of Millerstown, and is a member of the Greenwood FFA Chapter. Some of Todd's many accomplishments include the following: State FFA Proficiency Winner in sheep, swine and diversified livestock; outstanding FFA Boy given by the Pennsylvania Livestock Association; Outstanding FFA Swine Producer, awarded by the Pennsylvania Pork Producers, and the state winner of the FFA Agronomy Contest.

Todd is currently managing the home farm, where he maintains swine, sheep, dairy cattle, and crop enterprises.

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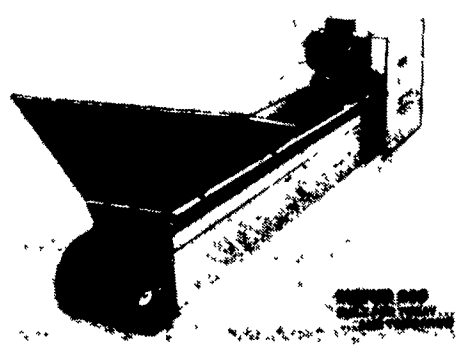

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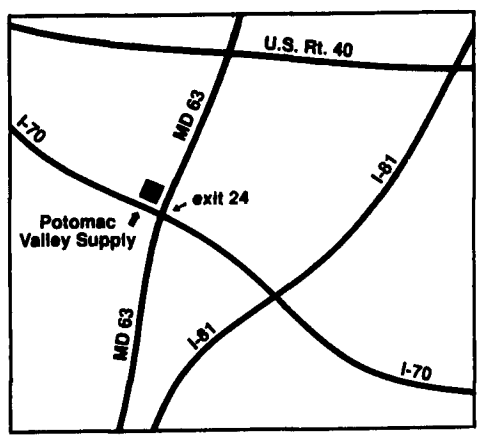

Eat chicken it won't go to waist

Poultry sales were up 10.4 percent in 1989 over 1988, according to Supermarket Business' 43rd Annual Consumer Expenditures Study. Fresh poultry sales increased over $859 million in 1989, the fourth top item in the category of "greater dollar sales increase." Ahead of fresh poultry in dollar sales increase were service deli (+$1.57 billion); filter tip cigarettes (+$1.05 billion); and beer (+$1.03 billion).

Keep It Clean

To help eliminate odors from soiled clothing, sprinkle baking soda between each layer as they are placed into the clothes hamper. In addition, a half-cup of baking soda added to the rinse cycle in your washing machine will also help remove odors.

For fast and easy pretreatment of stains, keep a solid, rub-on type stain pretreating product in areas where stains and spills are most likely to occur -- kitchen, family room, nursery, play room, office. In addition, keep the product in a suitcase for pretreating stains when traveling, and near the clothes hamper for treating stains as clothes are dropped in. Pretreating stains as soon as they occur can help in their removal. If treating stain hours or days before washing, be sure to use a product that will stay effective for several days and will not promote mildew.

It is best not to use a stain remover on fluorescent-colored clothes. These clothes may not be colorfast and the colors may fade.

To help remove soap suds when doing hand laundry, add a splash of vinegar to the rinse water. Then, rinse the garments again in clear water to remove the vinegar residue.

To easily clean the clothes dryer lint screen, wipe a used fabric softener sheet over the screen. The softener sheet acts like a magnet to pick up lint.

Campaign Scouts For Favorite NFL Sandwich

CHICAGO, IL — According to a just-released survey by the Deli/Prepared Meats Committee of the National Live Stock and Meat Board, 50 percent of National Football League players responding to a poll eat deli meat sandwiches at least once a week.

Timed for announcement during the playoffs and Super Bowl, the survey will be the front line of a food and sports writers' public relations campaign to create positive impressions about deli meats. The campaign is funded by beef, pork, lamb and veal producer checkoffs, packers and processors.

Survey results and accompanying stories went out to 800 food editors as well as to national and regional sports editors and television producers. *USA Today*, with a readership of 3.6 million people, ran a story in its December 24 edition.

The first draft choice sandwich was ham on wheat, followed by roast beef and pastrami. Teams taking part in the survey were the Los Angeles Rams, Phoenix Cardinals, San Francisco 49ers, Philadelphia Eagles, Atlanta Falcons, San Diego Chargers, Pittsburgh Steelers, Buffalo Bills and Detroit Lions.

"This kind of creative program really catches the media's eye, as proven by the favorite sandwich survey we did with senators in 1988," says Robert Nissen, Webster City, IA, chairman of the Meat Board Deli/Prepared Meats Committee. "Programs like this have the benefit of complementing private company promotion efforts by helping to establish a more favorable marketing environment for deli meats."

The Meat Board Deli/Prepared Meats Committee conducts media public relations, education and healthcare professional programs to create greater demand for beef, pork, lamb and veal.

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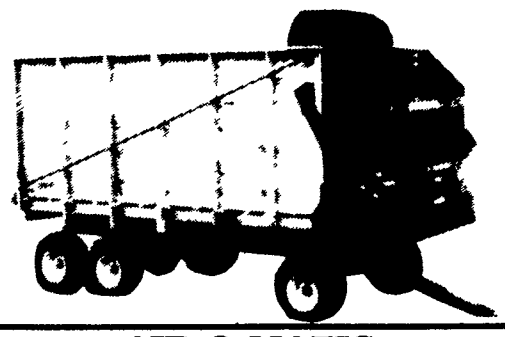

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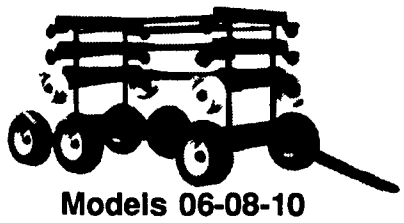

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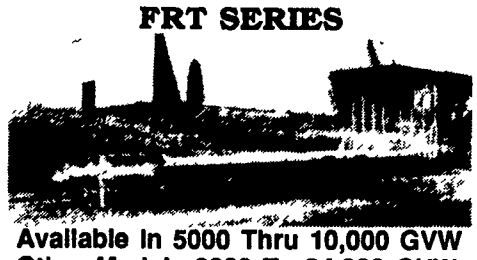

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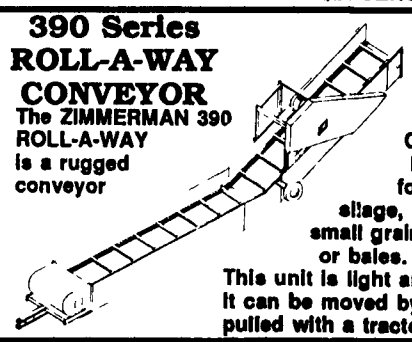

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Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section C. Deadline-Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies

The following categories are available in your classified advertising. In Section B. Deadline-Wednesday afternoon at 5 of each week's publication.

5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

6 DAIRY EQUIPMENT

12-weigh jars; 12-magnetic milkers w/2" receiver; washing system; 2-78 DeLeval vacuum pumps; tanks; electrical boxes. Eli Ebersol, 235 S.Jackson, Strasburg, PA 17579. Lancaster.

1 Used 7HP U.S. bedding chopper, good condition, Southern Lancaster County. 717-786-3591.

(3) 60 lb. Boumatic milk buckets w/Boumatic claws and DeLaval Pulsators Good condition. Chris K Stoltztfus, 234C N. Harvest Rd., Ronks, PA 17572.

(4)Surge Mini Orbit pipeline units with alternated pulsation, complete timer, 14-stallcocks, 14-milk slides, used 4-years. 215/445-5526.

50 stalls and stanchions, Jamesway and Starline. Also 25 water cups. Surge SP11 vacuum pump, pipe and stall cocks, 3 Surge units. JD 215 Chuck Wagon. 412/941-7892

FOR SALE: Used 2" Boumatic stainless steel pipeline. Call 717-627-4824.

FOR SALE: Used newer style DeLaval 78 vacuum pump w/5 h.p. motor, oil reclaimer, large stainless steel supply tank, $1,475.; DeLaval SST takeoffs, $295.; DeLaval Super Claws, shells, flo-vu claws, pulsators, weigh jars, milk meters. Much more. Free UPS or delivery. Satisfaction Guaranteed. E-Zee Milking Equipment, Inc, Gordonville, Pa. 17529. 717-768-7599

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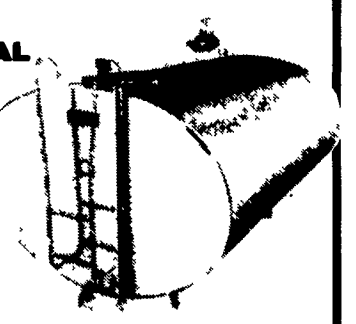

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3,350 gal. liquid manure tank
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330 Bushel Manure Spreader
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Handy High Pressure Washers
Oswalt Mix Wagons
Post Hole Digger
Silo Unloaders - Pack or Ring Drive
Grate Cleaner
We Do Aluminum Welding

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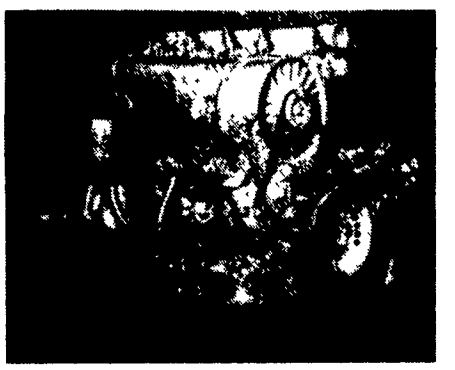

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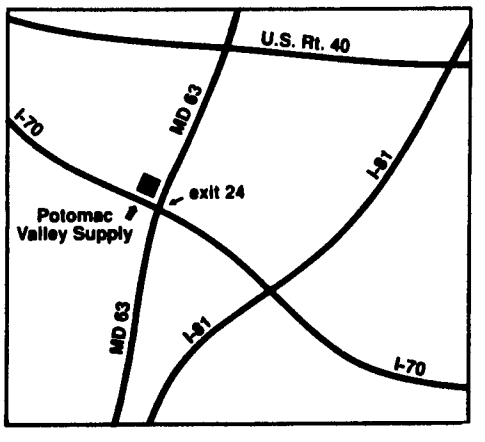

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- 500 Gal. Jamesway
- 500 Gal. Milkkeeper
- 500 Gal. Mueller "M"
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- 600 Gal. Girton
- 600 Gal. Jamesway
- 600 Gal. Dari-Kool, Round
- 600 Gal. Mueller "OH", Round
- 600 Gal. DeLaval, Round
- 625 Gal. Girton D5 Rd.
- 625 Gal. DeLaval
- 650 Gal. Steinhorst
- 700 Gal. Mueller "O"
- 700 Gal. Mueller
- 700 Gal. Mueller "M"
- 800 Gal. Milkkeeper Storage
- 800 Gal. Mueller "OH" Recond.
- 800 Gal. Dari-Kool
- 800 Gal. Mueller "OH"
- 800 Gal. Mojonnier
- 800 Gal. Storage
- 1000 Gal. Milkkeeper
- 1000 Gal. Dari-Kool
- 1000 Gal. Mojonnier
- 10[SOLD, MO]ller "O"
- 1000 Gal. Mueller "OH"
- 1000 Gal. Mueller "OH" Recond.
- 1000 Gal. Mueller "OH"
- 1000 Gal. Girton
- 10[SOLD, PA]ton D5
- 1000 Gal. Storage
- 1250 Gal. Surge
- 1250 Gal. DeLaval
- 1250 Gal. Girton
- 1250 Gal. Mueller "OH"
- 1500 Gal. Mueller, "OH"
- 1500 Gal. Mueller, "OH"
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Jan. 91	779	232	1.09	95%
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Increase	+83	+67	+.03	+9%

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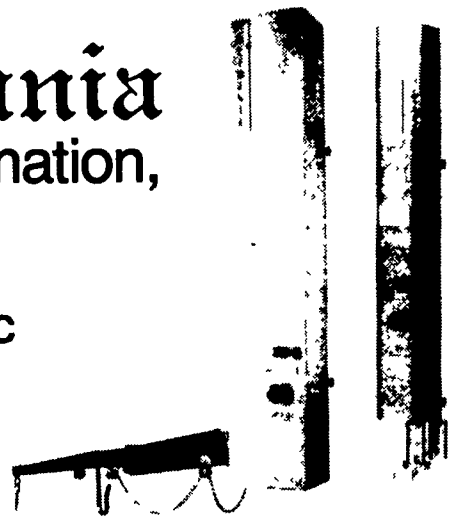

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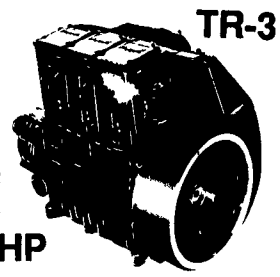

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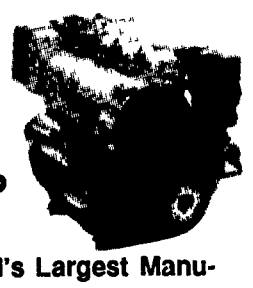

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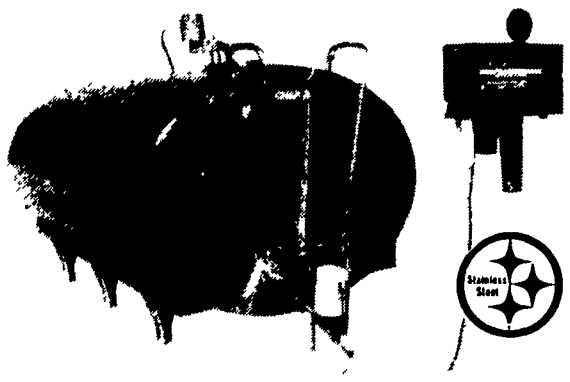

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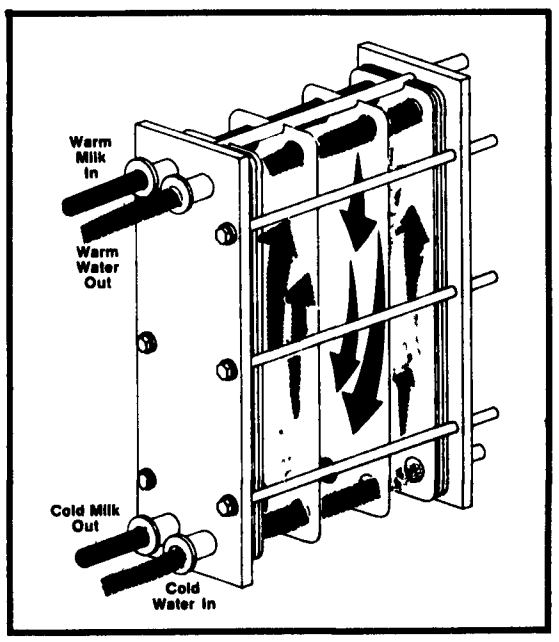

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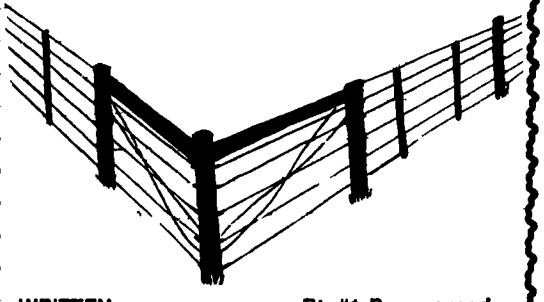

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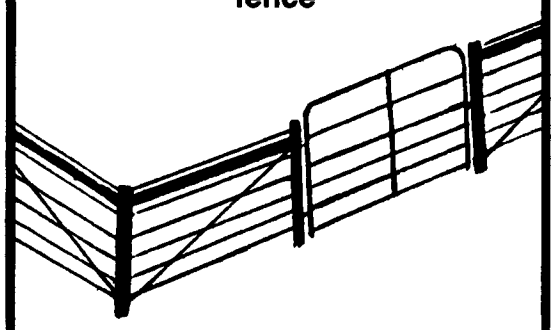

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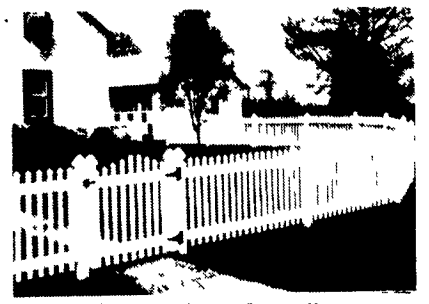

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Stuffy (S)	+1034
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Perry (S)	+134
Gaylord (S)	+130
Pride (S)	+128
Benjamin (S)	+122
Tyler (S)	+121
Stuffy (S)	+121

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Stewartsto
Terre Hill,
Thomasvill
Utica, PA.
Washingto

JERSEY (PTI) LEADERS

Lester (S)	+351
Skyline (S)	+302
Brook (S)	+314
Babes Lad (S)	+279
Brigadier (S)	+287
Homestead (S)	+282
Andy (S)	+274
Brassjet (S)	+255
Seven Up (S)	+194
Silver Saint (S)	+191

Dtr: Green Manor **Lad** Party 86%
2-01 2x 296d 15213M 4 6% 696F 3.6% 543P Inc.
John & Cindy Batchelder and Michael Braun, Oxford, PA

MILKING SHORTHORN (PTI) LEADERS

Maxine's Mike (S)	+245
King (S)	+170

Krause's Maxine **MIKE** 410225
Born 12/20/84 Bred by Krause Farms,
Eagle Bend, MN

AYRSHIRE (PTI) LEADERS

Rebel (S)	+247
Johnny (S)	+210
Mozart (S)	+197
Joe (S)	+188
Jupiter (S)	+180
Thunder (S)	+177
Royal Command (S)	+173
Milk Machine (S)	+120

Johnny daughter: St-Felicien John Magasine E
4-05 305d 12271M 4.2% 509BF
Res. Grand at the '84 Quebec Expo

BEST FROM ABS

AMERICAN BREEDERS SERVICE

UDDER COMPOSITE LEADERS
(HA Udder Comp. - 1/91)

Blue Eyes (O)	+2.07
Potential (M)	+1.83
Imprint (S)	+1.78
Apollo (S)	+1.60
Hotshot (S)	+1.58
Fancy Paul (S)	+1.50
Brass Bell (S)	+1.45
Premier (O)	+1.40
Chipper (S)	+1.39
Laban (O)	+1.39

TYPE LEADERS
(HA PTAT - 1/91)

Naldo (S)	+2.79
Imprint (S)	+2.58
Russ (M)	+2.36
SWD Mars (O)	+2.25
Valiant Eddie (S)	+2.23
Potential (M)	+2.23
Fancy Paul (S)	+2.22
Endeavor (S)	+2.22
Premier (O)	+2.21
Southwind (S)	+2.15

FEET & LEG IMPROVER
(HA Foot & Leg Comp.-1/91)

Benefit (S)	+1.95
SWD Mars (O)	+1.54
Russ (M)	+1.48
Daydream (S)	+1.48
Melwood (O)	+1.46
Bell Leo (O)	+1.23
Southwind (S)	+1.18
Cubby (M)	+1.17
Dalton (S)	+1.17
Fancy Paul (S)	+1.17

Dtr. Bryn-Gala **Potent** Super Sublime VG-89
3-05 2x 329d 26380M 3.6% 963F 2.9% 773P

Dtr: Anderland Royal Cadillac VG-86
2-07 2x 331d 22700M 3.2% 723F 2 9% 647P

Dtr: Poncia Dairy **Benefit** #77-IHF EX-91
4-08 2x 275d 23300M 3 9% 900F 3 3% 768P

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Spring City, PA ..... Bob Hewitt 215-495-7927
Stewartstown, PA ..... Tom Engle 717-993-6836
Terre Hill, PA ..... Paul Martin 717-733-0966
Thomasville, PA ..... Ira Boyer 717-225-3758
Utica, PA ..... Gale Dana 814-425-2838
Washington, PA ..... Donald Devore 412-225-3773
Waynesboro, Pa ..... Don Koons 717-762-4485
West Grove, PA ..... Sidney Peters 215-869-9187

IN DELAWARE ..... Greg Rinker 301-775-7726

IN MARYLAND
Grantsville, MD ..... Richard Bowser 301-895-5709
Hagerstown, MD ..... Al Koons 717-762-4485
Kennedyville, MD ..... Greg Rinker 301-775-7726
Keymar, MD ..... Greg Rinker 301-775-7726

IN NEW JERSEY
Lambertville, NJ ..... Robert Fulper 609-397-3479
Port Murray, NJ ..... Robert Kayhart 201-689-2605
Woodstown, NJ ..... Mike Charles 717-285-5470

BROWN SWISS (PTI) LEADERS

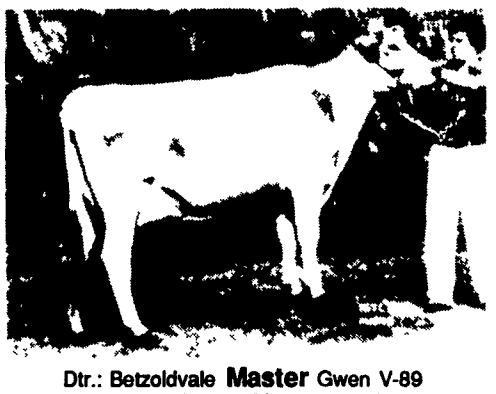
Doll Maker (S)	+175
Conductor (S)	+169
Judge (S)	+130
Master (S)	+ 65

GUERNSEY (PTI) LEADERS

Buttermost (S)	+262
King (S)	+230
Adml. Davis (S)	+216
Topstar (S)	+196
Victory (S)	+186

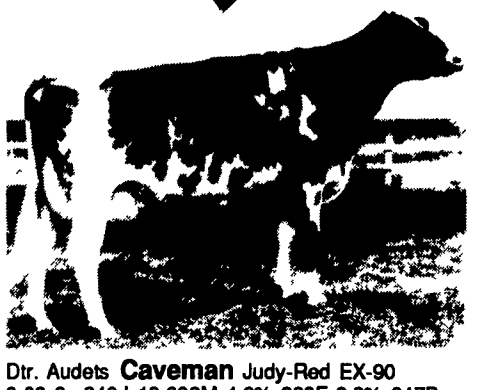
RED AND WHITE TPI LEADERS

Crescendo (S)	+775
Max (S)	+721
Centra (S)	+639
Caveman (S)	+617
Stratos (S)	+532



Dtr.: Betzoldvale **Master** Gwen V-89
3-04 2x 363d 17000M 5.1% 872F

Dtr: Way View **Victory** Peta
3-10 2x 305d 17305M 4 3% 750F 3.3% 570P
Lyle & Loren Wright, Canton, PA



Dtr. Audets **Caveman** Judy-Red EX-90
3-03 2x 340d 19,608M 4 2% 823F 3 3% 647P
Blackcrest Farms & David C. Hileman, Altoona, PA
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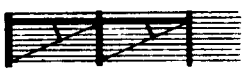
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- Units have ¾ " PVC shut off-and-on ball valve right behind water valve
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- The Poly-Drinkers are high density urethane foam insulated with drain plugs. Model #3009 has proven to work outside in our area with minimum - 2 horses - and maximum -50 head beef.

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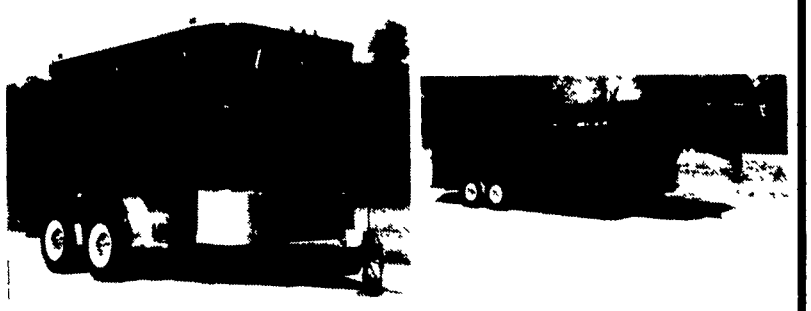

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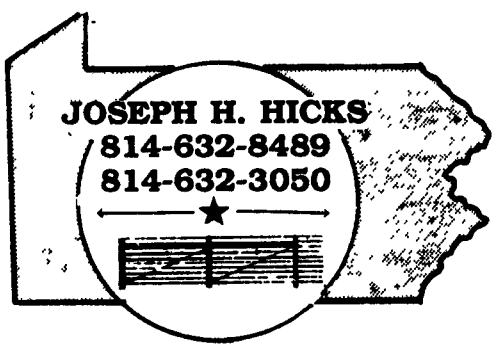

FENCE CONSTRUCTION

8 CATTLE

12 Holsteins, close springers, 2nd calf, well uddered. $950. 717/263-5702.

17 registered Hereford cows due April. Call (717)833-5007 after 7pm.

(2) Service Age Holstein Bulls; (1) Registered. Lancaster Co. 717-354-4374.

2 springing Holstein heifers, due 2/3/91 and 2/16/91. Lancaster County (717)285-7426.

3 Large Holstein Heifers, due soon, vaccinated, $1000/ea OBO. 717-548-3294.

40 Charolais Cows, large frame, bred to excellent Charolais bull, price $900/each. Trucking available. 804/352-5722, nights 804/352-8741.

46 large Angus and BWF cows with 27 calves, 400lbs. and down, remainder calving now. All cows bred back to Charolais bull. $900/each. Trucking available. 804/352-5722, nights 804/352-8741.

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54 Brangus large cows with 40 calves and remainder calving now. Cows bred back to Limousine Bulls. Outstanding herd of cattle. $1,120. Trucking available. 804/352-5722, nights 804/352-8741.

(5) Holstein and (2) Jersey springing heifers from good bloodline. 717/252-2001.

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(5) Polled Hereford Feeder Steers, registered herd, average weights 550-600 lbs 215/384-6025.

6 feeder bulls, W/F Herefords, 300-500 pounds Newark, DE (302)239-5639.

6 Nice big grade Holstein heifers, due end of Feb into Mar. All vaccinated $1,000/each or $1,075/choice. Leave your phone number at 215/649-8514 Thurs., Fri or Sat. 7AM-6PM. Chris K Stolztus, 234C N. Harvest Rd., Ronks, PA 17572

7 head of Beef cows, 6 Hereford, 1 Charolais, Bred to Simmental Bull for June calving 215-562-5868

Angus Bulls, top herd bull prospects, (8) sired by QAS Traveler 23-4, (2) sired by Hoffs Esso SC433, $750 and up; also Angus heifers sired by Scotch Cap and Viking 717/437-2700.

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8 CATTLE

FOR SALE: Reg. Holstein Cows and Heifers. Fresh, DHIA records, Certified and Accredited. Also service age bulls. 717-532-7905.

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Send to:
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Box 609,
Ephrata,
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9 HORSES & MULES

1 team 7 year old Belgian, 1 team 12 year old Belgian. Home raised, work anywhere. Never at a sale barn. Josie A. Hostetler, RD 1, Box 113, Belleville, PA 17004.

1 Year Old Sorrel Mule, nice size, well manned. John R. Stoltzfoos, 464 Amish Rd., Gap, PA 17527.

20 saddle breds for sale February 9. Will hitch at 12 and sell at 2. Jacob Zook, 461 Beechdale Rd, Bird-In-Hand, PA 17505.

2 Belgium and 1-black horse, 3 Sorrel Mules. All acclimated. 717-665-4743.

3 year old park grey gelding, light mane and tail, Percheron 16.3H, been worked single. Ed Hays, 412-239-4519, Box-258, RD1, Bentleyville, PA.

7 year old Red Roan Mule out of Virginia with lots of power and snap. Needs work. Levi P. King, 3363A Scenic Rd., Gordonville, PA 17529.

Registered Arabian Gelding, 2 yrs., steel grey, excellent disposition, green broke. $1,000 215/869-3422.

Big Well matched Belgium draft team. Broke the very best. All farm machinery. Traffic safe, hay rides, ect. NO bad habits. $2800. 717-872-6438.

Chestnut standard bred Gelding, 16HH, 10 years, Blaze and 4 white socks. Ride and drive, traffic safe and sound $1000. 717-291-9786.

Chestnut gelding, 3 years old, green broke, lots of style. Elmer S. Fisher, 3320A E. Gordon Rd., Gordonville, PA 17529.

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Fancy Chestnut Gelding, 2 stockings and blaze, 15.2H, lovely disposition, beautiful mover and great jumper. Just starting 2'6" courses $2500. Contact Julie. 717-921-9071.

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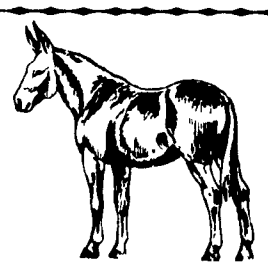

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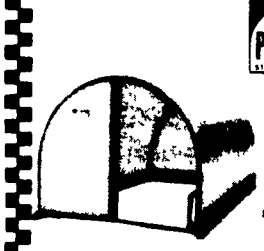

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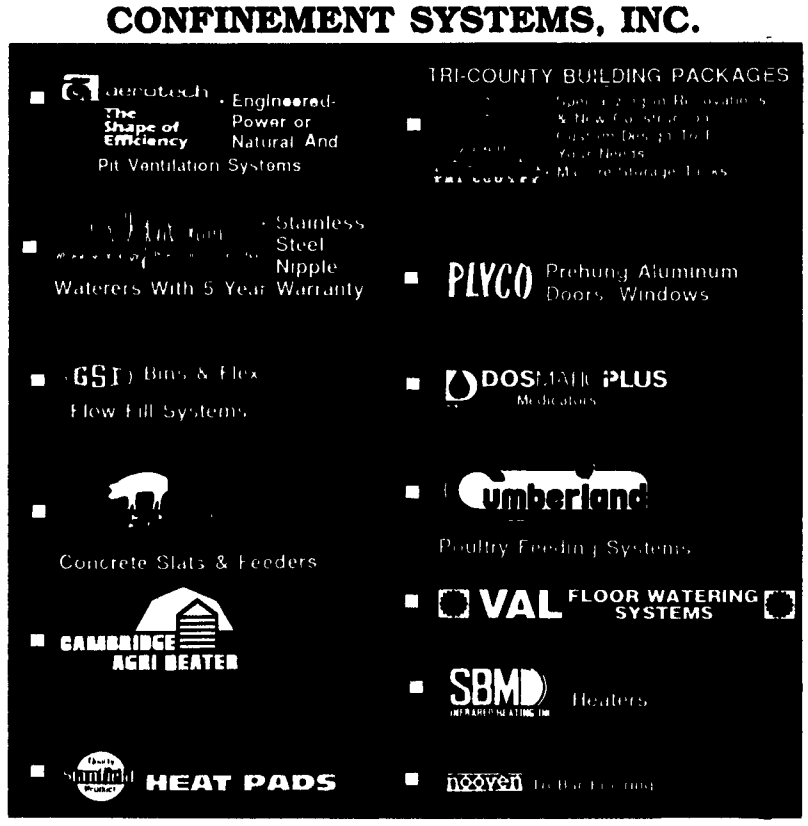

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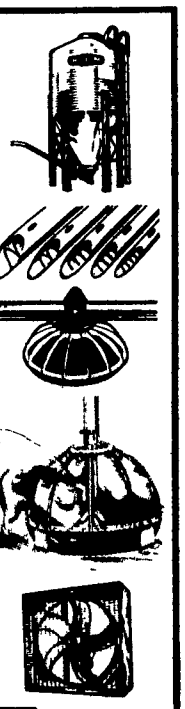

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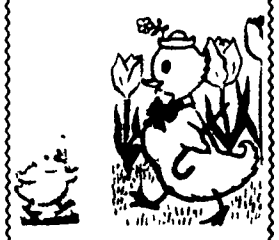

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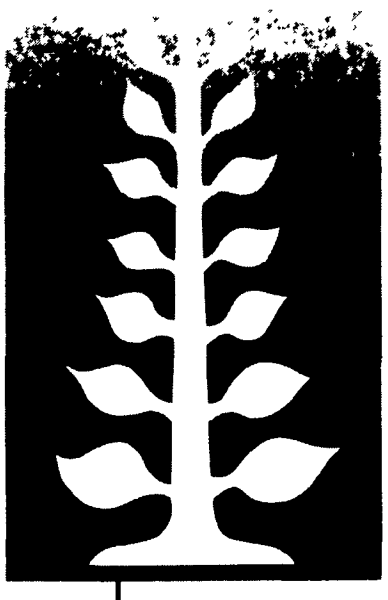

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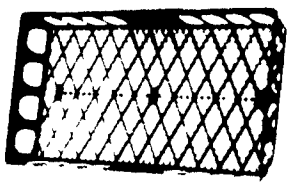

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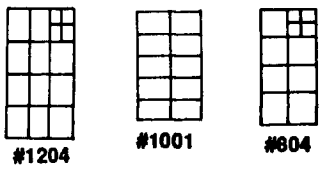

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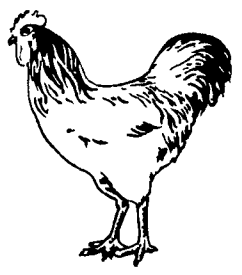

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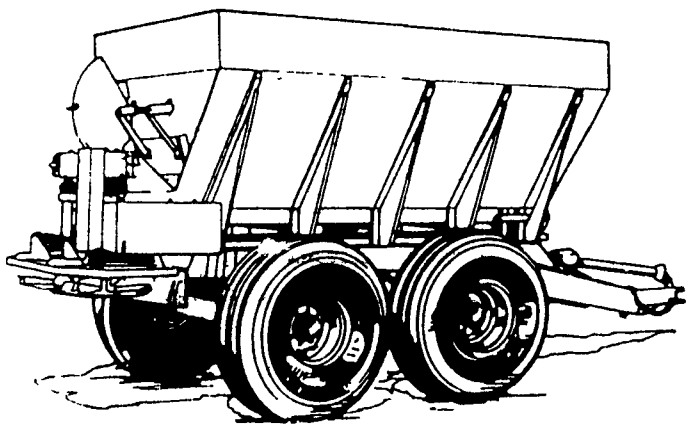

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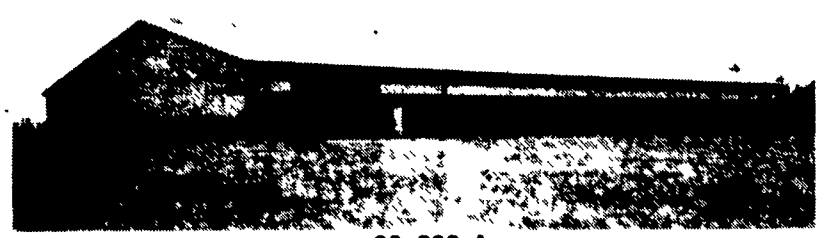

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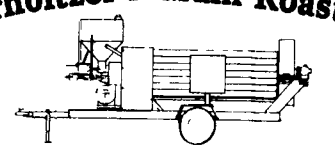

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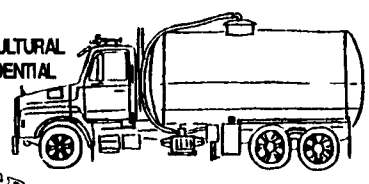


SEPTIC TANKS, CESSPOOLS

Weaver's Plumbing And Excavating

Basements
Ponds
Field Tiling
Manure Pits
Lagoons
Septic Systems
Sand Mounds

BULLDOZER

For Jobs Large or Small
Give Us A Call
(717) 933-9016

FARM MANAGEMENT
Will Live and Work Farm Or Farmette - Would Like Lancaster, Berks, Philadelphia Areas - Will Consider Other Locations Offering:
Financial Management (CPA), restore historic home, manage contractors, caretaker
(301) 442-5654 after 7 PM

23 HELP WANTED

Broodmare Farm in Md has opening for experienced man Excellent situation w/new house References required 301-771-4580 Box 68, Butler, Md 21023

Dairy herdsman must be experienced, reliable, with references. Full time housing provided Call M-W-F-S evenings (301)658-9893

Foster homes urgently needed for special needs children of all ages including babies medically needy children and teens Consider opening your heart and home to a needy child, call Counseling and Care Services at (717)293-5204 or 1-(800)326-9504 EOE.

Foster homes urgently needed for special needs children of all ages, including babies, medically needy children and teens Consider opening your heart and home to a needy child Call Counseling and Care Services at 717/293-5204 or until 8PM 1-800-326-9504. EOE.

$35,000/YEAR PART TIME Ag Related Field, For Free Information Please Call 208-733-2323, or write A S A A Box 186, Twin Falls, Idaho 83303

Fulltime help needed for working on produce farm and attending farmer's market. Week-ends off. House included. References required. (717)687-8349.

Golden Opportunity. Young married couple. Dairy farm work. Eastern Maryland. House available plus benefits. Excellent wages. 301-275-1030.

Help for Summer and Fall Harvest. Prefer non-smoking and non-drinking person. Room and Board furnished. 9600 JD's, and KW trucks. 316-585-6478.

Help Wanted on large crop farm. Duties: field work, equipment maintenance, driving dump truck, housing available. Potter Co. 814-848-9753

Help Wanted on 70 cow dairy. Dairy and general farm work. House available. Salary or percentage of milk check. Can house few cows. Call 215-857-5380. Chester County.

Herdsperson for 200 cow dairy in Central PA, salary negotiable with house, health insurance and other benefits. 814/632-6380.

HOSPITAL JOBS: Start $6.80/hr, your area No experience necessary. For Info Call: 1-900-226-9399 Ext. 1971. 6am/8pm 7 Days $12.95 Phone Fee.

Small Organic Farm Store needs full time or part time shop keeper, knowledge of Organic products helpful. New Holland area. Tell us about yourself. Write: G-60, c/o Lancaster Farming, POB 609, Ephrata, PA 17522.

Permanent or Seasonal Farmhands. Organic Vegetable Farm. Salary, Room, Board. Contact: Norman Hunter, RT-2, Box-211, Berkeley Springs, WV 25411. 304-258-4018.

Person for Dairy Farm. Milking and feeding. Experienced. References Required. House and Benefits. 717-464-3752.

Person for dairy and general farm work, on 140 cow farm, salary and benefits, house available. Dauphin Co. near Hershey. 717/944-6289.

Person w/strong agricultural and sales background. Position requires knowledge of soil fertility programs for sales of biological and non-chemical agricultural products. Send resume to: Sales Position, Box 421, Dillsburg, PA 17019

You are wanted! Expanding business needs truck driver /mechanic, Class B or II or willing to get license Prefer married Christian man, others considered. Mennonite owners Please call soon 301-842-3543 Ernie, 301-842-0014 Alvin

SALESPERSON
Must have experience in post frame buildings
South Jersey
609/386-1600

EXPERIENCED MECHANIC AND SET-UP PERSON FOR AGRICULTURAL EQUIPMENT
Ph: 717-355-2123

Field crop and livestock farm needs reliable help for machinery operation and livestock care. Primarily hay and purebred Hereford cattle. Experience preferred. Housing and benefits provided. Send resume to Lancaster Farming G-57 P.O. Box 609, Ephrata, PA 17522

DAIRY EQUIPMENT SERVICE TECHNICIAN
Experience required. Competitive pay (based on experience), benefits, service truck. Willing to work hard as part of team.
Send Resume to:
CHAMBERSBURG AGWAY
409 E. Grant St.
Chambersburg, PA 17201
Attn: John

Local full-line fertilizer company seeks a CUSTOM AGRICULTURAL PESTICIDE APPLICATOR and a FERTILIZER APPLICATOR. Willing to train. Full-time work, with overtime. Benefits include competitive wages, hospitalization & dental, and 401K plan. Apply to:
MASTER FARMER FERTILIZER
2313 Norman Road
Lancaster, PA 17601
717/397-5152

MECHANIC
Fleet Mechanic maintenance position requires apptitude to deal with people. Self-management ability for ordering, decision making, scheduling and hands on work. Should have background in diesel engines and hydraulics. Paid Holidays, vacation, insurance coverage 401K. Apply
Mar-Allen Concrete
20 Cocalico Creek Rd.
Ephrata, Penna. 17522
717-859-4921
EOE

HELP WANTED
Experienced foreman needed for installation of swine and poultry equipment.
Self-motivated applicants should have knowledge of machinery, heating, air conditioning and plumbing, etc.
Start with a growing company of 60 employees which offers excellent pay, health insurance, vacation and holiday pay.
Apply at
410 E. Lincoln Avenue, Myerstown, PA
Between 8:00 AM and 4:00 PM
or Call Marvin Hoover at
717-866-7565
Between 1:30 and 3:00 PM

Help needed
Mechanic familiar w/ agriculture equipment to maintain Cope's green pea and sweet corn harvesting equipment Should also possess current Class III driver's license to operate tractor trailer to move harvesting equipment Excellent benefits, full time. Send resume or apply in person to:
John Cope's Food Products, Inc.
Gerald Keperling
John Cope's Food Products Inc.
P.O. Box 419
156 W. Harrisburg Ave.
Rheems, PA 17570
(717) 367-5142

EXPERIENCED PERSON
To work with cattle dealer, drive truck hauling cattle. Also, some work on farm feeding cattle, full time, house available.
Lancaster County
717-786-3016

JOB OPENING IN HI-N LITE POULTRY FARM
Must Live On The Farm, Willing To Handle All Chores In The Poultry House, Need Some Mechanical And Electrical Experience, Must Be Able To Supervise People.
Apply At
HI-N LITE POULTRY FARM
RD 3, Box 179A
Tamaqua, PA 18252
717-386-5777
Ask For Jay Habecker

FARMER NEEDED IN CUMBERLAND CO.
To cultivate approx. 300 acres. Land rent negotiable.
Reply to:
BOB LIGHTNER
Box 4055
Harrisburg, PA 17111

OPPORTUNITY
For Couple (Prefer Married) to serve as steward and care-taker for 60 member fishing and hunting club in remote area of Pocono's. Property includes 750 acres of land, 300 acres of lake and old but completely modern clubhouse. Stewards will operate dining service as an independent contractor and will receive additional compensation for care-taker and clubhouse maintenance services.
Lodging provided.
For Further Information Call
Lancaster 717/569-9944

ROUTE SALESPERSON FOR ESTABLISHED DAIRY & FARM SUPPLY ROUTE
- Salary Plus Commission
- 5 Day Work Week
- Full Benefit Package

Ideal Working Conditions
An Excellent Opportunity For A Motivated Person Who Wants To Earn Higher Than Average Wages
Dairy Background Perferred
Contact...
FISHER & THOMPSON, INC.
127 Newport Rd.
Leola, PA 17540
Ph: 717-656-3307

DISTRICT MANAGER TO WORK DESIGNATED AREA
Responsible For Farm Shows, Plus Supervising, Training And Helping Dealers Set Goals For Their Area.
Some Overnight Travel Required.
Only Written Applications Accepted.
Send Resume To:
Berg/Sand Mark Company
c/o Berg Equipment Co.
P.O. Box 507
Marshfield, WI 54449

23 HELP WANTED

Urgently needed babysitter/ housekeeper live-in preferred (717) 464-3990 days (717) 464-0765 after 7 p.m.

Farm Family Required to help operate organic farm.
Experience with organic methods important.
Lancaster Co. Send Resume to Box G-60 c/o Lancaster Farming P.O. Box 609 Ephrata, PA 17522

Large Fertilizer Company Seeks Sales Reps. Selling to Farmers In Adams, York, Lebanon, Schuylkill, Southern Dauphin and Southern Lancaster Co. (717) 626-7138

NEWS CORRESPONDENTS

Northeast Pennsylvania

Lancaster Farming is looking for staff correspondents for the area listed above. These correspondents should live in the coverage area. The part-time position requires the person to attend farm meetings and report on them. In addition, the correspondent will also write feature articles about farmers and farm families.

Applicants should possess good writing and general communications skills. Farm background a plus. Also must have a 35mm camera and be able to take news and feature photos.

Payment is guaranteed upon publication.

Send a letter, writing samples and resume to:

Everett Newswanger
LANCASTER FARMING
1 East Main St., Box 609
Ephrata, PA 17522

WORK WITH A TEAM OF MEN WHO MILK A 750 COW HERD 3 TIMES A DAY

- Profitable dairy, year after year
- Top notch herd managers, low employee turn-over
- Double 18 Herringbone parlor, (operated by 2 men), Boumatic automatic identification milk metering and take-off.
- Defined employee responsibilities
- 4 day, 45 hour work week
- $8.00+ per hour
- Hospitalization, vacation profit share
- Housing available, reasonable rent

Visit The Operation, Talk With Employees And Owner/Operators, Call For Appointment.

Frey Dairy Farms, Inc.
(Turkey Hill)
Lancaster County
717-872-6071
(Ask for general manager or leave message on answering machine)

25 BUSINESS OPPORTUNITIES

Are You Looking For A Weekend Stand

To sell provisions, fresh produce, baked goods, crafts and general merchandise? A Saturday Market will open in Blue Ball, PA. Air conditioned with plenty of light and electrical outlets. Room for over 100 vendors.

If interested call (717) 354-4331 or stop by in person at the Weawit Street entrance to the THM building at Broad & Weawit Streets, Blue Ball, PA. Ask for Michael Price or Arthur Price.

HOSPITAL JOBS: Start $6.80/hr, your area. No experience necessary. For info Call: 1-900-226-9399 Ext. 1971. 6am/8pm 7 Days $12.95 Phone Fee.

Ag Sales Rep., must have sales experience, ag background preferred. Franklin county area. Call on established accounts, prospect new accounts, repeat business. CV Coop needs people oriented, self starter, to sell seed, fertilizer, feed to the farm community. Salary, car expenses, incentives, benefits and pension. 1-800-488-2191 for appointment

FEED SALES MANAGER
Rapidly expanding central Pennsylvania feed mill has immediate opening for Sales Manager 3-5 years of general bulk feed sales experience required Excellent growth opportunity for aggressive individual Salary commensurate with experience, attractive benefit package. Send resume in confidence to
Sales Manger
K&L Feeds, Inc.
RD 1, Box 131J
Selinsgrove, PA 17890
Equal opportunity employer

24 SITUATIONS WANTED

ATTN: Couple desperately searching for farmhouse/ apt. w/room for 3 horses. Consider help w/farm work. Need by April 1st. 717-566-0423.

Seeking employment: Dairy, field crop, orchard. Large and small farm experience. References provided. (215)395-0710.

25 BUSINESS OPPORTUNITIES

FOR SALE: Mifflin County Retail Dry Goods Business. A Profitable Fabric Business For The Serious Person Who Wants To Make A Move. Confidential Information Only To Serious Qualified Persons. Call Dallas Will. 717-248-5451

For Sale - 1979 GMC Astro Tractor, 42 ft. drop deck trailer, both in good condition, hay and straw accounts available. Call 607/243-8448

Want to make $15/hr at home? Handmade item every dairy farmer needs. Easy extra income for men, housewives, teenagers, retired, and disabled. Free information. SASE to: Goodville Farm Services, Box 6, Goodville, Pa. 17528.

York County Farmer's Market wants vendors selling baked goods, fruits, vegetables, meats and other food items! Call Evenings 717-755-9670.

26 HOUSEHOLD

APPLIANCES
Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
15 S. 9th St.
Lebanon, PA
717-272-2405

26 HOUSEHOLD

Cloth material, finest grades available, 20 pallets of fabric samples, two linear yards and bigger, for all types of clothing. Solid colors only. $1.50/lb., $50 minimum. Day (717)394-4980; evening (215)942-9411.

Maytag washing machines, commercial grade. $50 each. (717)532-6116.

Singer Commercial Sewing Machine, Model 241-13, asking $250 OBO. 301/857-1065.

27 PETS

AKC Bloodhouse pups. Black and tan. One male, two females. Four months old, all shots. $250. 301/334-9525.

AKC Collie puppies, Blue Merles & Tri's, top show quality, 1st shots & wormed. Ready 1/28/81. Deposit will hold till ready. Mifflin Co, 717/658-3308 or 717/543-5999.

AKC Golden Retreiver Pu pies, 7 weeks old, shots, v lovable $150. c 717-442-8717.

AKC Lab Retriever pups, champion lines, chocolate $250, black $200. Call (717)658-6529.

AKC-Sheltie Pups, nice markings, shots/wormed/ ready 1/29/91. John L. Stoltzfus, Broad St., Honey Brook, PA 19344. Call eve. 7-7:30PM 215/273-2294.

Australian Shephard Pups, ASCA Champion Bred for working, excellent temperament, $200-$300. 814/886-2034.

Australian Shepherd Pup, female, 15 weeks, excellent family dog. Make reasonable offer. 717-872-5471.

BORDER COLLIES: Guaranteed to work. Registered. Sire on English International Team 2 years Born 12/15/90. Ready 2/15/91. Well socialized. 717/289-4769.

FOR SALE: AKC breeding stock. Scotties; Cockers, males and females; Bassett male; Westie male. 2 to 4 years old. 215-445-5970.

For Sale Australian shephard pups, registered, shots, wormed, good workers, #1 family dog, loveable. Call 215/267-6857.

VIETNAMESE POTBELLIED PIGS
10 Gilts Registered
5 Months Old **$300 Each**
Black & White Bred Gilt **$1500 OBO**
717-355-2458

WANTED
★ **Purebred Puppies With Or Without Registration Papers.**
★ **Also Persian, Siamese And Himalayan Kittens With Or Without Registration Papers.**
★ **Resold As Pets To Homes Only.**
★ **CALL NOW 717/822-2033**

Blue Mountain Game Farms
Chuckar Chicks
Hatching Weekly - 3,000
Order Early - NPIP Appr.
Box 562, RD 1
Wrightsville, PA 17368
717/252-1182

Puppies Needed Now
AKC Registered and Purebreds
Resale As Pets To
Loving Homes Only!!!
Call Marie; Mornings 6-9 AM
717-482-4304

Jo Jo The Dog Man PUPS WANTED!!!

Die Hundeman mit die Geld fer die Hunde.

Will buy pups 11 AM to 1 PM at Stoltzfus Feed & Supply, on Thursday, January 31, 1991, Rt. #41, Gap, PA. Stoltzfus Feed & Supply is located 1½ mile south of Rt. 30 on the right.
Pure and mixed breeds handled.
If you need to call Jo Jo, call January 30th, between 7-10 AM.
609-452-8903

For Sale: Reg. Vietnamese Potbellied Pigs. Black Gilts $475; Black Boars $200. White Boars and Gilts $1500. 717-768-7135.

FREE Mixed collie/shepha puppies, to good hor 717-933-5352.

Golden Retrievers, AKC, 9 weeks old, ready to go ASAP. Shot & wormed, $300. (717)867-5345.

Husky pups, AKC, shots & wormed, 717-865-5772 No Sunday Calls

Llamas make great pets! Two baby males, $1000 each. (215) 868-0186

Male Border Collie, Born 11/13/90. Excellent Bloodline and Markings. Chester. 215-942-2657

Miniature Donkeys -A fantastic pet and the HOTTEST investment on the market! See ad under "Horses".

Reg. Australian Shepherd Pups. Conformation color, even temperments. Working and Show backgrounds. $125 Blue Merel; Stud Service $100. Lancaster-Co 717-399-3090.

Reg. Australian Shepherd Puppies. Out of top working trial parents. Red Merles. Work Cattle, Sheep. Several adults available. 814-356-3366.

Reg. Border Collie Pups. Black and White and Blue Merles. Both parents good working dogs. Also, obedience trained. Very intelligent. Salem County. 609-769-0792.

Registered Border Collie puppies, shots and wormed, ready to go Jan. 24. 717/927-9583.

Reg. Potbellied Pigs for sale. Black or black and white, $300 and up. Lanc. Co. 717/656-0038.

Stud Service for Golden Retriever. 717-626-6324.

WANTED Puppies For Pets

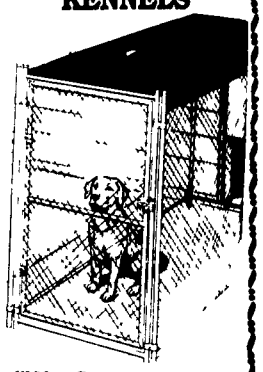
AKC, Purebred, Mixed Litters.
Stud service for most breeds

Transportation provided.
Forest Ridge Kennel
296 S. Vintage Road
Paradise, PA 17562
717-442-4259

31 NOTICE

27 PETS

CUSTOM BUILT CHAIN LINK KENNELS



"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
662 N. Shirk Rd.
New Holland, Pa. 17557
717/354-9760

HARMONY COUNTRY KENNELS
Mifflinburg, Pa.
717
966-2451
"QUALITY" A.K.C. PUPPIES
- Basenji
- English Bulldog
- Irish Setter
- Keeshound
- Samoyed
- Yorkshire Terrier

Shots — Wormed Guaranteed

31 NOTICE

Aches? Stress? Massage, Sauna, Reflexology. NO Hanky-Pank! Serious Only. 717-295-4869

Top Dollar Paid for old log cabins for removal, old house salvage, wide old flooring, old small wooden corn crib, wooden outhouse, old (6-8) paneled doores, grainery boards, barn siding, fireplace mantels, old architectural built-in cupboards Chester Co 215/857-3910

INVITATION FOR BIDS

The Snyder County Conservation District is requesting bids for the construction of an ag-waste storage structure to be funded in part by the Chesapeake Bay Program. Construction on this project is expected to begin during March of 1991. The site is located in Monroe Township, Snyder County.

Prospective contractors will receive a bid package which contains Instructions to Bidders, a sample contract form, the plans and specifications for the project and a bid sheet.

Small and minority businesses and women's business enterprises are encouraged to respond to this invitation for bids.

Sealed bids will be accepted until the public bid opening at 1:00 pm on February 22, 1991.

To obtain a bid package contact the Snyder County Conservation District at:

R.D. #2 Box 319
Middleburg, PA 17842
(717) 837-0085

31 NOTICE

INVITATION FOR BIDS

The Huntingdon County Conservation District is requesting names and addresses of those that would like to submit bids for the construction of **Agricultural Waste Storage Structures** to be funded in part by the Chesapeake Bay Program. Construction of these projects is expected to begin during the 1991 construction season The sites will be located in Northern Huntingdon County

Prospective contractors will receive a bid package which contains instructions to bidders, a sample contract form, the plans and specifications for the project, and a bid sheet.

Small and minority businesses and women's business enterprises are encouraged to respond to this invitation for bids.

Sealed bids will be accepted from the date announced on each bid package until the public bid opening approximately three weeks later

To obtain a bid package, contact Dave Evans, Nutrient Management Technician, Chesapeake Bay Program, at (814) 643-4720 or the Huntingdon County Conservation District at the following address:

902 Pennsylvania Avenue
Huntingdon, PA 16652
(814) 643-3536

As projects become available and necessitate sealed bids, bid packages will be sent out to all those who have requested them. If you requested bid packages last year, your name is still on the list. There is no need to request bid packages again Currently, we are expecting to have two or three projects to be bid this year

32 MISCELLANEOUS

FOR SALE: 5000 Watt wind power system, complete with generator, control panel and tower $4000 This system will definitely lower your electric bill Franklin 717-349-2192

FOR SALE Burnham boiler, castiron, controls, burner good shape, good f/greenhouse, home etc $100 Old plow parts Lehigh County (215)756-6626

FOR SALE Old log farmhouse Buyer must dismantle 717-345-8518

MEAT GRINDERS -BAND SAWS -SLICERS -TENDERIZERS -HAMBURG PATI MACHINES & WALK IN COOLERS New splitting saws only $249.00 Gerry Grundy, Doylesburg, PA , on RT 75 at RT 274 Open Saturday & Sunday 10AM-4PM. 717-349-7654 or Eve 215-549-7584.

Private sale of OUTDOOR WORLD MEMBERSHIP (CIRCLE M at Lancaster, PA). Very reasonable. Phone (301)692-6439 after 6 p.m.

SAVE MONEY ON WOODWORKING MACHINES!
Band saws, jointers, planers, routers, scroll saws, drill presses, table saws, sanders, lathes, shapers, dust collectors & more in stock. 30 Day Free Trial! 1 Year Warranty Call For Low Prices. 1-800-445-4669 Terre Hill, Pa

Bridgport Tru-Trace Mill, excellent condition Also drill presses, saws, ironworkers, cyl.-grinders, welders, welding tables, air compressors, shear, power press brake, 20' precision centering fixture (like new), material handling equipment, special coil winding lathe, desks and office furniture. Baltimore. 301/467-5030 or 301/467-9762.

Cloth material, finest grades available, 20 pallets of fabric samples, two linear yards and bigger, for all types of clothing. Solid colors only. $1.50/lb., $50 minimum. Day (717)394-4980; evening (215)942-9411.

Devilbiss Spray Booth, Type XDF, make offer. 4 Cyl. 2 stage compressor head, $875. 12" cast iron Belsaw planer/joiner, 3HP, 1PH, $900. 12 Yates American variable speed wood lathe w/extra head and stand, 3 phase, $550. 20" Walker Turner Band Saw, $675. 12" Delta Disc Sander, passlode T nailers, make offer. 12" Danhuser Post Hole Digger, $750. Fred. Co., MD 301/694-9566.

Dornback hot air furnace oil, 112,000 BTU Cleveland burner, $200 Chester (215)932-3978

112,000 BTU oil furnace $300, (2) 275 gallon fuel tanks, good condition $50/ea David King, RD-2, Box-173, Newville, PA 17241.

1-New unused Firestone 15 5x38 6 ply tire. Asking $225 Call 717/784-0250

40' storage trailers $1000/ea, Van Bodies 16' to 22', $350 to $450, can be used on road. 215-944-9871. After 6PM

Available new and used corregated boxes, steel fiber, and plastic drums (717)397-7695

Bandsaw blades made to order. Wood, metal or meat cutting. UPS shipping. 717/733-0511 Martin's, 502 Glenwood Dr., Ephrata, PA 17522.

Farm Toys-Collector Series, Show Tractors, Pedal Tractors, Trucks-for sale at all times. Visit our large display during business hours. Wengers Farm Machinery, Inc., 251 S Race St., Myerstown, PA 717/866-2130

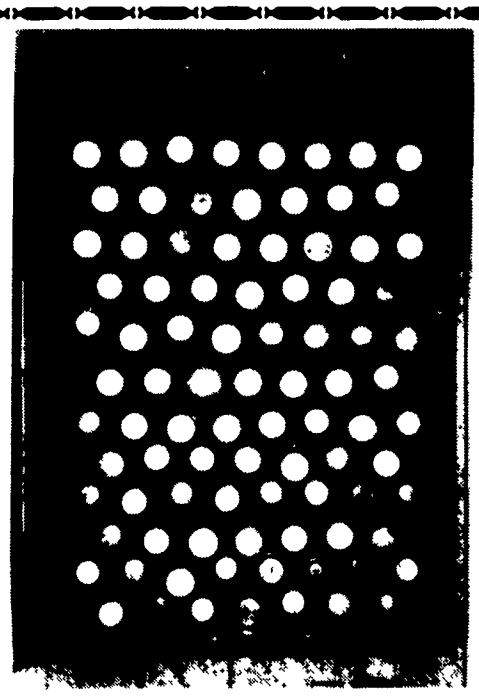
Saw Blades for Cordwood Saws, 16", 20", 24", 26" and 32" instock. Call Roger 717/784-0250

Snow Blower, Simplicity, 8HP, 24", electric start, chains, new $1,200 value, best offer. 609/476-2496

Thick seasoned oak slab wood 8' lengths (6 cord), $350 717/367-1006

TIRONIE'S TARPS SHIPPED ANYWHERE 1-800-874-2928.

Will trade a beautiful burl walnut six draw dresser with marble top and mirror, for a good 4x4 unit with a plow. For off road use only. Call evenings 717/588-6350 Pike Co.



Over 100 Antique Pocket Watches
With Walnut Wall Case And Watch Bench With Lathe.
Many Cases And Parts Also
Phone 717-421-8980
7-5 M-F Monroe County

BARNS FOR SALE - WASHINGTON COUNTY

Barn Built 1800's. 64x40. All pinned post & beam suspension. All beams and siding in excellent condition. Very well maintained. One horse barn. Post and beam suspension. 30x48. One sheep building. All 3 buildings for sale - Buyer must dismantle.

Tom Colella, Mon. thru Fri.
9 to 5 412-833-3636

PAINTED STEEL ROOFING & SIDING
- Galvanized/Galvalume
- 29/26 Gauge
- 3 Major Brands Available
- Large Stock Trim & Sheet

AS LOW AS $32.00 per/sq.
Conestoga Building Supply
New Holland, PA 17557
717-354-2613 or 1-800-544-9464

33 RECREATIONAL VEHICLES

1980 Ski-Doo Snow Mobile, Model 7500, 340 CC engine, great shape, low milage, $800. 201-439-2566 after 7PM.

WANTED: Honda Big Red, ATV, good condition. Call Evenings 717-426-3135.

34 AUTOS

1969 RS 228 Camaro, excellent shape. 814/694-2407.

1982 Buick Electra, diesel, looks new, studded tires, $1,500. Call 717/354-0778.

34 AUTOS

Burkholder Auto
Danville
(717) 437-2212

87 VW Jetta GLI Black, 52,000 mi. $6,300
89 Honda CVC LX 4 Dr, 12,000 Mi. $8,695
86 Honda CVC 2 Dr, 66,000 Mi. $2,995
88 Beretta GT V6, AT, AC, 42,000 ..... $6,395
87 Chev Celebrity 4 Dr, 2.5 AT Dk. Blue $3,650

35 TRUCKS & TRAILERS

1975 Dodge 600 truck w/14' grain bed and hoist, 5+2 trans , $2495 717-529-2294

1978 Ford LN8000, 3208 Cat, 5+2, 18' Eby aluminum stake body dump, $6,000 OBO 215/286-9797

1978 GMC stake body 12' with lift gate 454-4SPD Call Bill (717)545-4235.

1979 Ford 800, 429 gas, 32,000 GVW, 5&2, power steering, air brakes; 1981 Ford 800, 429 gas, 32,000 GVW, 5&2, air brakes and power steering; 1980 Int. 1854, 466 diesel, w/22' Morgan van body, 5&2, 27,000 GVW. 301-877-9889.

1979 International S1700 Truck, 12' flatbed, 4x2 shift, 345 engine, good rubber, good condition, 78,000 miles, 21,000 GVW with PTO with 4 cylinder Wisconsin engine, 35 gal. per min. pump, elect. hose reel with 250' HP hose, 800 gal steel tank. Priced complete $7,995 Call 717/362-3860.

1979 Viking 6 Horse 5th wheel trailer, 3 axle electric brakes, fresh paint, w/ dressingroom $4000 OBO. 717-367-7028.

1980 Chevy 30 stake body, V8, 4 spd., $2,800.; 1981 Ford F250, V8, 4 spd., super cab, $2,700.; 1972 Ford L-900, $3,000. 717-933-4114

1981 IH 1950B, DT466 diesel, 13 speed, 16,000 front, 40,000 rear, PS, 11x20 tires, w/21' dump, 6' sides, barn door, 18 ton net load, $16,500, 1968 GMC 8500, V6, 33,000 GVW, w/16' dump, 6' sides, $3000. Both trucks excellent for silage and grain hauling. 814-848-9753.

1981 International School Bus, 5-spd , 345CI, gas, perfect condition, $3,000 201/334-2881.

1982 Ford F150 pickup truck, 6 cyl. stick, 4 speed, good condition, 80,000 mi. Priced $2,500. Call 717/362-3860.

1984 Dodge School Van, 318CI, auto trans. stand-up headroom, perfect condition, $3,200. 201/334-2881.

1984 International Diesel DT466, 210 HP engine, GVW 32,560, 5 speed w/2 speed rear, 16' box, 65,000 miles $18,000. 717-275-4670.

1985 Freightliner conv. 40" sit in sleeper, 400 Cummins, w/Jake, 15 speed OD, 4.33 rears, 250" WB, like new, 11x24.5 tires, PS, AC, wet line. 45' Pike flatbed, w/new Keith walking floor, 5' aluminum removable sides. Both in excellent condition. Tare only 31,300#. $57,000. 814-848-9753.

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1986 Ford F350 hotshot 460, 4sp, PS, PB, air sleeper, 5th wheel or convert to the body of your liking. $6500 Nog. Lancaster Co. 215-267-2507.

1986 Mack RD686 tandem dump 300 engine, 6 speed, AC, 18K front axle, 44K rears, heated, 16 cy. body, trailer hitch, 11R22 tires, 115,000 miles, excellent maintenance, $46,500. 717-828-2544.

1987 big Valley 28' livestock van. 14 ply, 750x16 tires, rear loading ramp, saddle, tack, dressing rooms, $8,750. (201)782-1773 evenings.

1987 Ford F-700, Huey alum. dump body with grain chute, 18' long, gross weight 28,000 lbs., $17,500. 717-865-7287.

1988 Chevy Dually Extended Cab Silverado, AT, PS, PB, AM-FM Cass., PW, PDL, Cruise & Tilt, 452 FI, 17,000 mi. $14,500. 717/354-9967.

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1988 Ford F250 heavy duty, 7.3 diesel, AT, PS, PB, AM-FM Cass., Air, excellent condition, 42,000 mi. $9,900. 717/354-9967.

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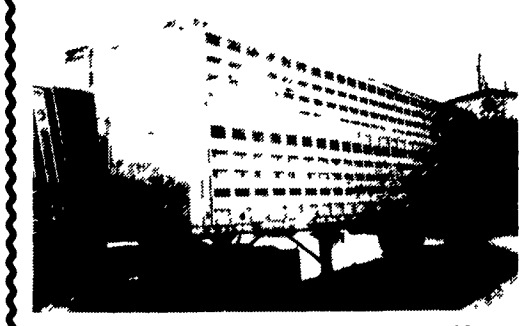
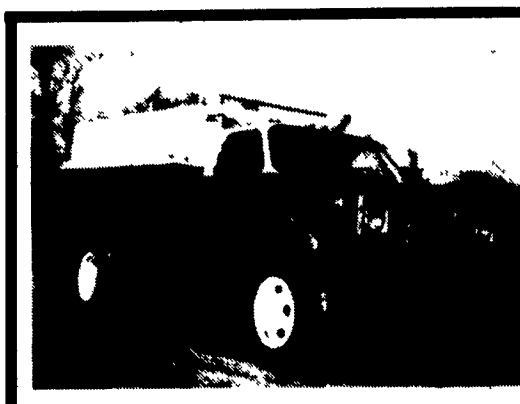


43' Barrett Aluminum Trailer
with rigid deck
$6,250
(717) 548-4027



1980 Chevy Service Truck
With Dual Wheels, Good Cond.
$3,200
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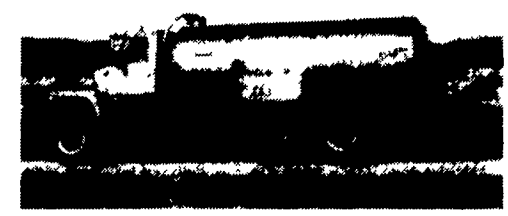

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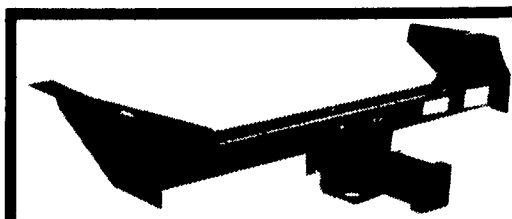

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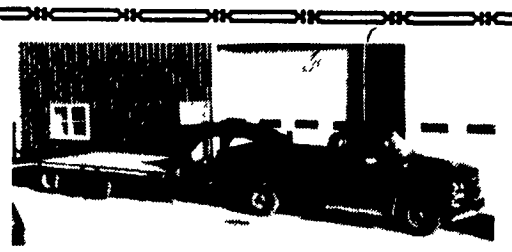

1989 Chevy Silverado 3500 1 Ton, 4 Speed, Manual Shift, 454 Gas Engine, 18,000 GVW Gooseneck Trailer, Three Axle, 14' Flat w/5' Tail w/4 Ramps, Will Sell As A Unit Or By Piece

Truck $12,500
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Unit Is In Excellent Shape, Must Sell
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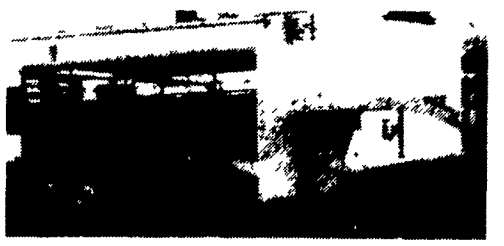

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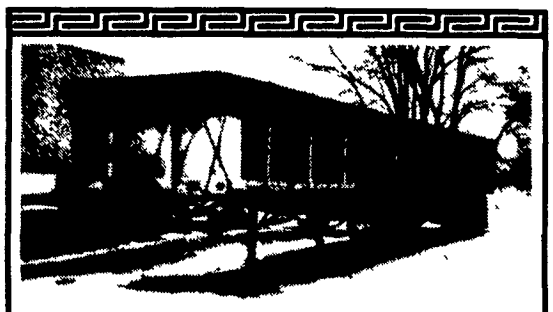

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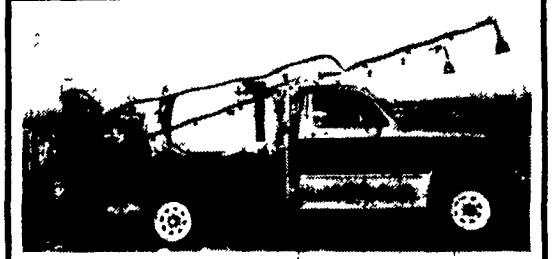

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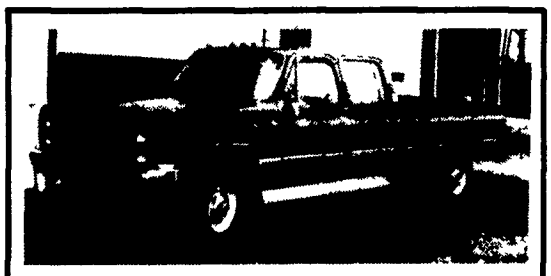

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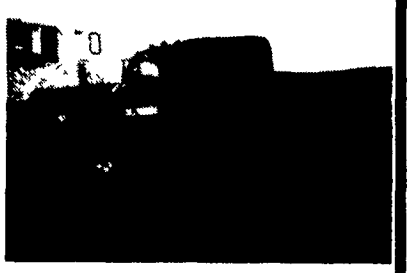

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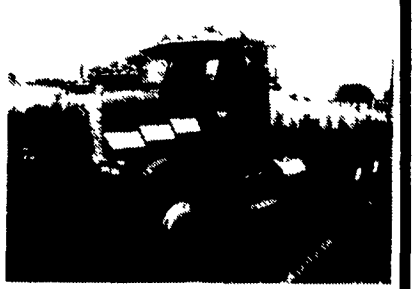

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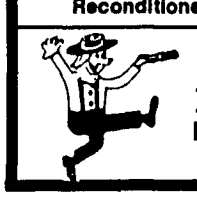

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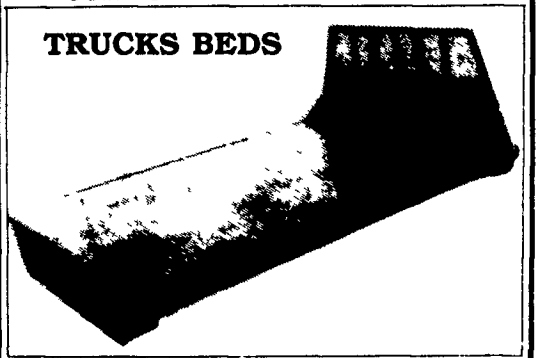

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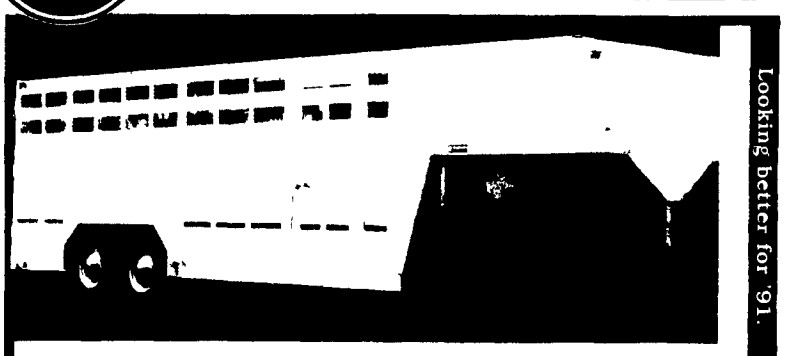

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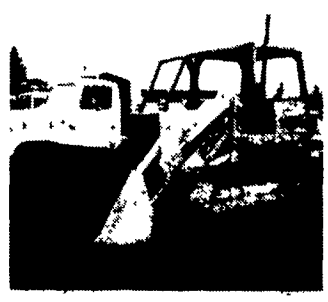

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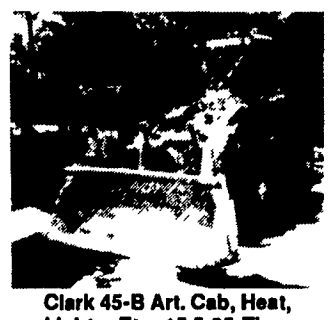

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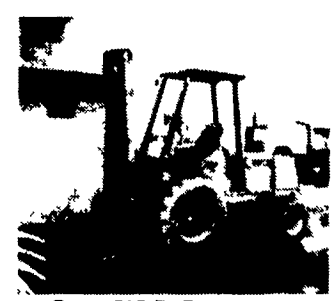

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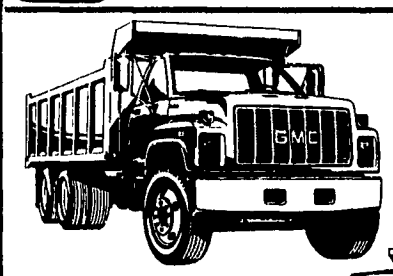
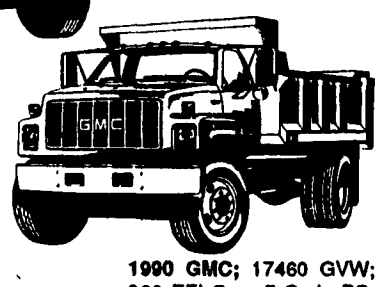


1991 GMC TC7H064; 53,220 GVW; Tandem Axle; 3116 CAT; 10 Spd.; PS; AC; Air Susp. Drivers Seat; AM/FM; **Fontaine Dump Body;** Air & Elect. To Rear For Hitch.



New Single Axle 10' Dump Truck; 3116 CAT 215 HP, 5 & 2, 33,000 GVW; PS, Air & Elect To Rear For Hitch

1990 GMC; 17460 GVW; 366 EFI Gas; 5 Spd.; PS; PB; PW; PDL; AC; Tilt; Cruise; **18' Jerr-Dan Rollback w/Independent Wheel Lift** List $39,761.82 ..... **Lease $579.30***

	LIST	LEASE*
(1)-28,000 GVW; 427 EFI Gas; 5 & 2; 20 Foot Stake	$31,583.56	$494 46
(1)-16,000 GVW; 366 EFI Gas; 5 & 1; 10 Foot Dump	27,712 82	394 02
(4) 33,000 GVW; 215 CAT 3116; 5 & 2; 10 Foot Dump	45,963 12	719 81
(2)-33,000 GVW; 215 CAT 3116; 5 & 2; C&C For 10' Body	40,787.62	620 44
(3)-22,000 GVW; 165 CAT 3116; 5 & 1; C&C For 14'-17' Body	28,532.84	425 13
(3)-26,000 GVW; 185 CAT 3116; 5 & 1; C&C For 12'-14' Body	30,963.38	462 90
(2)-28,000 GVW; 185 CAT 3116; 5 & 2; C&C For 20' Body	35,147.38	530 90
(1)-20,680 GVW; 366 EFI Gas; Automatic; Has 14' Van	31,796.56	428 39
(1)-24,260 GVW; 366 EFI Gas; 5 & 2; C&C For 14'-17' Body	25,503.36	374 01
(2)-23,100 GVW; 165 CAT 3116; Automatic; C&C For 18'-22' Body	32,780.34	492 24
(2)-17,460 GVW; 165 CAT 3116; 5 & 1; C&C For 14'-17' Body	28,545.82	423 34
(1)-26,200 GVW; 215 CAT 3208; Automatic; C&C For 16'-20' Body	39,641.70	598 51
(1) 23,100 GVW; 165 CAT 3116; Automatic; Recycling Body	45,845.58	664 10

1991 GMC'S IN STOCK OR SOON TO ARRIVE.
(2)-23,100 GVW, 170 CAT 3116, 6 Spd; C&C For 18'-22' Body
(1)-19,280 GVW; 185 CAT 3116; 6 Spd; C&C For 14'-17' Body
(2)-17,460 GVW, 170 CAT 3116, 6 Spd; C&C For 14'-17' Body
(2)-17,460 GVW; 366 EFI Gas; 5&2; C&C For 14' Body
(1)-53,220 GVW; 250 CAT 3116, 10 Spd; C&C For 14'-17' Body
(1)-17,460 GVW; 366 EFI Gas, 5 Spd., C&C, 14'-17' Body
(1)-17,460 GVW; 366 EFI Gas, 5 Spd.; C&C, 10'-12' Body

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1988 International 9700 Conv.; 42" Walk-In Sleeper; 400 Cummins; Jake; 13 Spd.; Special Financing To Qualified Buyers.
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1985 International 9670; 400 Cummins; Loaded; Leasing Available.
Mack F686ST; 300; PS; AC; 5 Spd.; Leasing Available.
1981 GMC Topkick; Rebuilt 3208; 5 & 2; PS; AC; 18' Body; Special Price.

* Per Month. 60 Mo Lease; 10% Buyout; Taxes And Licensing Extra Where Applicable. Call For Special Cash Prices.

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1988 International 1754 ..... 25,000 GVW
1987 International 400 ..... 17,640 GVW
1982 International 1954 ..... 35,000 GVW
1985 Mercedes ..... 25,000 GVW
1978 International Binder ..... 19,200 GVW
1978 Ford NL-600 ..... 19,500 GVW
1976 International Fleetstar ..... 35,000 GVW
1975 International Rollback Dump ..... 33,000 GVW SOLD
1971 International Loadstar Dump ..... 20,500 GVW
1968 International Grain Dump ..... 24,000 GVW

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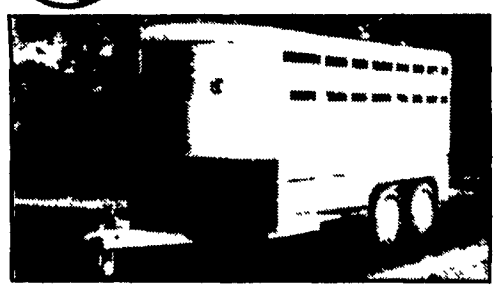

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'79 700 Ford, 18' dump, grain sides, $4,800

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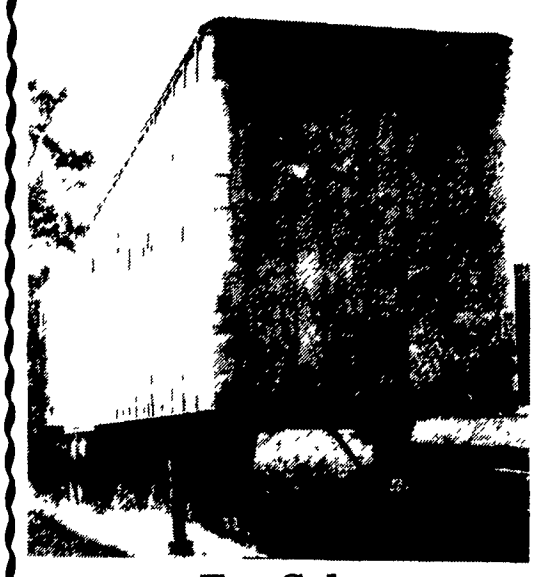

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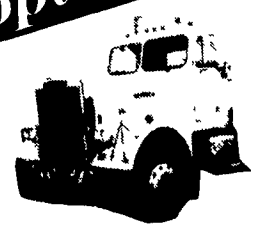
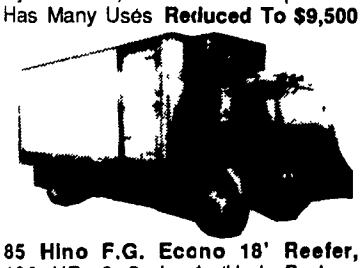
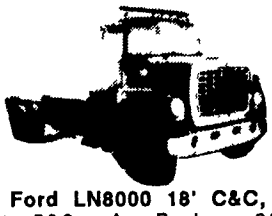


(6) 85 Frt/Lnrs- (2) NTC 300, (4) 300 Detroits, 9 Spds., Some With Eng Brakes, Steel Or Alum Frames, Very Clean Nicely Specd Trucks . . **Reduced $13,900 Ea.**

83 Mack MS200 12 Bay Insul. Beverage Truck, 175 HP, Mack 10 Spd , Air/Hyd Brakes, Low Miles & Repainted Has Many Uses **Reduced To $9,500**

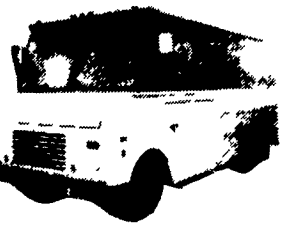


85 Hino F.G. Econo 18' Reefer, 180 HP, 6 Spd , Air/Hyd Brakes, 32,900 GVW, Heavy Duty & Economical Make A Deal With Or Without Box . **Selling $9,500**

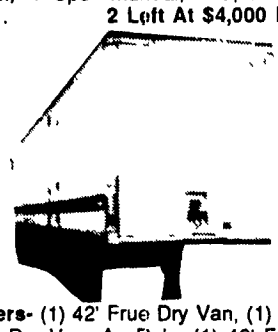


85 Ford LN8000 18' C&C, 3208 Cat, 5&2m Air Brakes, 35,000 GVW . .. **Selling $13,900**

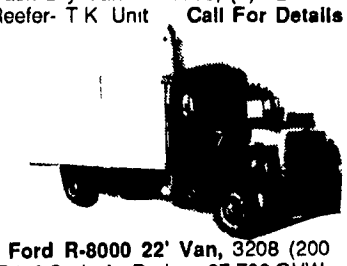
81 IHC S1854 24' C&C DT466, 5 & 2, Air Brakes, 33,000 GVW, Fresh Paint **Selling $11,500**



83 Chevy 13' Step Van, 6 2L Diesel, 4 Spd Manual, P/S, Alum Body . **2 Left At $4,000 Ea.**



Trailers- (1) 42' Frue Dry Van, (1) 45' Cash Dry Van- Air Ride, (1) 42' Frue Reefer- T K Unit **Call For Details**



85 Ford R-8000 22' Van, 3208 (200 H P), 9 Spd , Air Brakes, 37,700 GVW, 16,000 Front & 21,700 Rear, P/S, A/C Few Around Like This **Selling $19,500**

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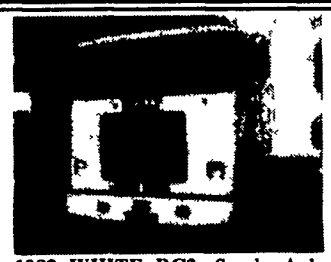
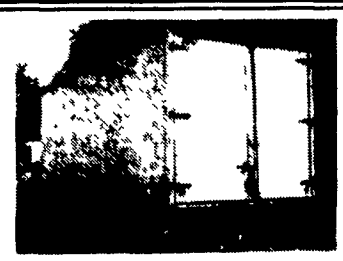


1983 WHITE RC2, Single Axle Truck Tractor Sleeper, 300 BC Cummins, RT011610 Trans., 21121 Rear on 11R 22.5 Rubber, Good Inexpensive Unit **$7,900**



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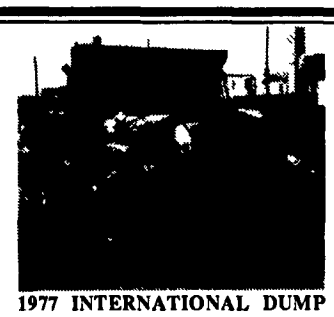

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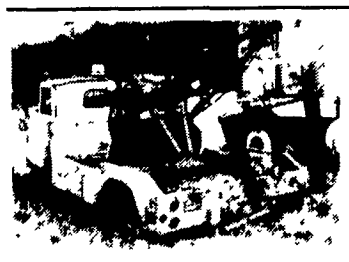
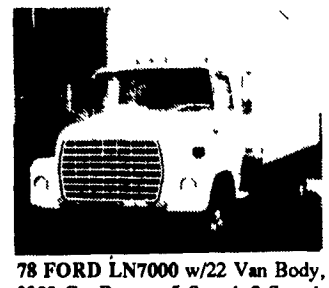


HOLMES WRECKER BODY, Model 501-C, Twin Booms **$1,250**



78 FORD LN7000 w/22 Van Body, 3208 Cat Reman, 5 Speed, 2 Speed, PS, 11R 22.5 Tires, 27,500 GVW, Good Unit **$5,900**

CONVERTER DOLLY, Air Ride, Air Brakes, 10.00x20 Rubber, Very Good **$950**

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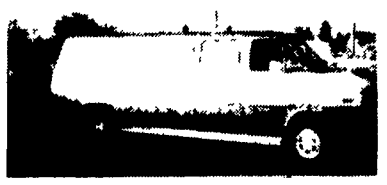
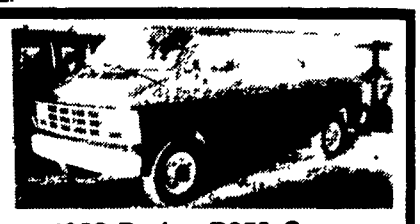
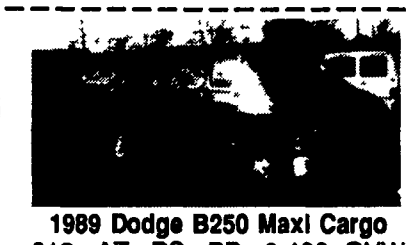

1990 GMC G35 STX
15 Pass., EFI 454 Dual AC 48,000 Miles.


1988 Dodge B350 Cargo
318 AT, PS, PB, 46,000 Miles, 7,500 GVW.

1989 Ford E250 Super Cargo
EFI 300, AT, PS, PB, 8,100 GVW, 52,000 Miles.


1989 Dodge B250 Maxi Cargo
318, AT, PS, PB, 6,400 GVW

1988 Ford E350 14' Hi Cube EFI 351, AT, PS, PB, 10,500 GVW, 31,000 Miles

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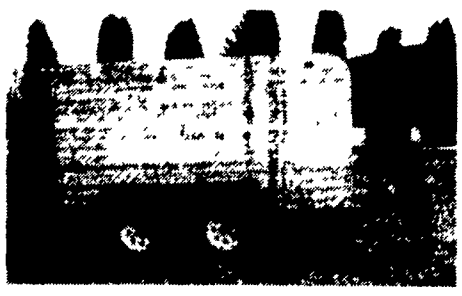

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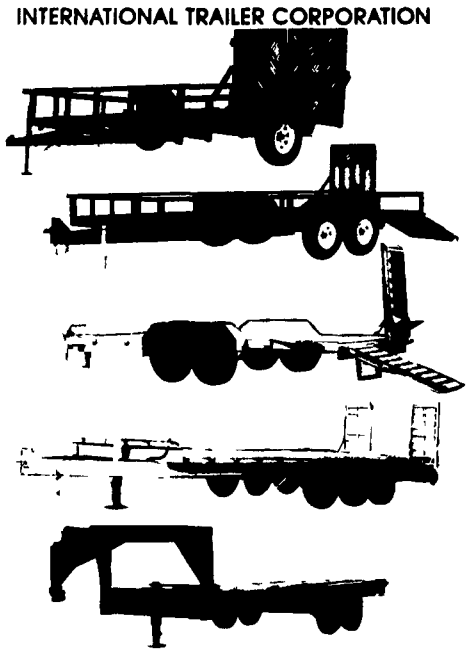

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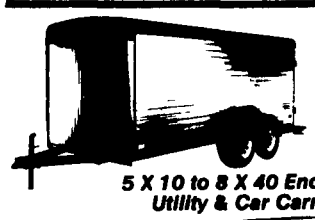
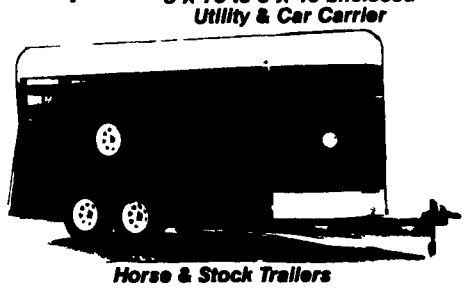

5 X 10 to 8 X 40 Enclosed Utility & Car Carrier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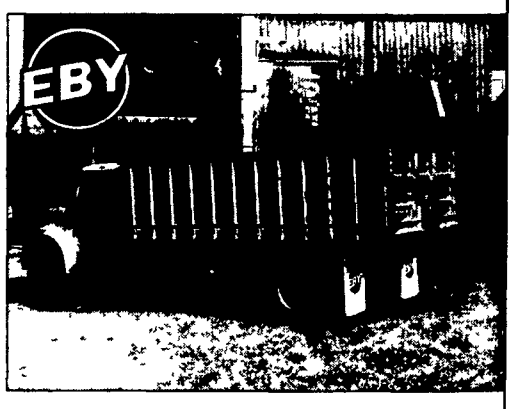

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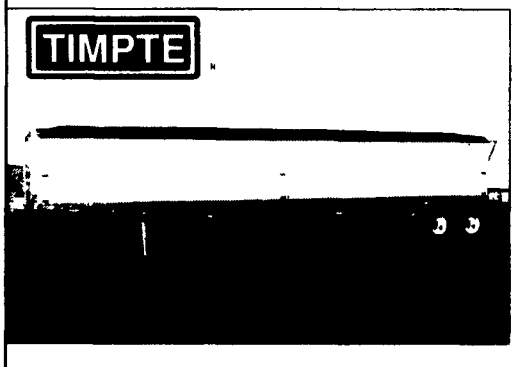

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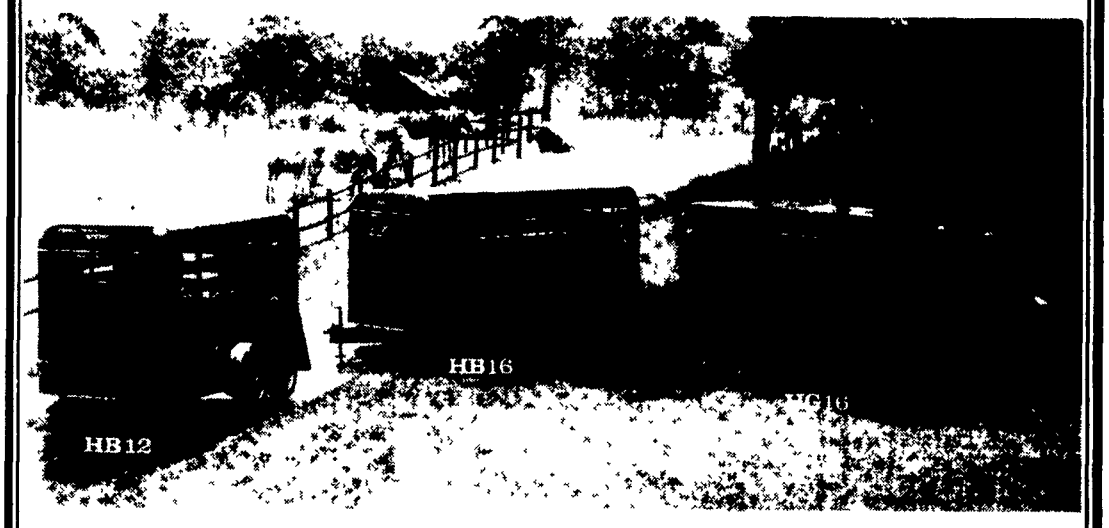
★★★★ TRAILER ENTERPRISES ★★★★
IS BUILDING A REPUTATION



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TRAILER ENTERPRISES

James D. Martin
Owner

1982 GMC 7000, 24' bed, New Motor, A1 Condition $4,500 717-762-7940

Looking for a quality rebuilt Chevy V8 car or truck motor with warranty. For prices and delivery Call Tony At 717-762-7940

Utility trailer: 6'x10' oak floor and sides, electric brakes, w/3500# axle, 4'x7' tuckaway ramp, excellent shape, $800. (717)235-7029.

WANTED: Hooper bottom alum. grain trailer. (908)996-4101 early a.m., late p.m.

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1988 GMC 3500 Series
Sierra Classic, 4 door dually, 454, fully loaded, 47,000 miles, Must See!
$12,500

1988 DODGE CARAVAN SE
F.I. 2.5, AT, PS, PB, tilt, cruise, AC, AM-FM cassette, 7 passenger, 62,000 miles
$7,850

1986 JEEP CHEROKEE
4x4, FI, 4 cylinder, 5 speed, PS, PB, AM-FM, Pioneer Package, 53,000 Miles
$5,800

1987 FORD F-250
FI, V8, 4 speed, PS, PB, AC, AM-FM, hi mileage, good condition, Priced right at
$4,850

1984 DODGE D350
4 door, V8, AT, 78,000 miles, local 1 owner
$3,650

1988 GMC C-1500
Extended cab, FI, 6 cylinder, 5 speed, PS, PB, AC, AM-FM, 58,000 Miles
Only **$8,350**

1987 FORD F150
Super Cab, 302 FI, AT, PS, PB, tilt, cruise, 2-tone finish
$6,350

1988 CHEVY BERETTA
F.I. 4 cylindler, 5 speed, PS, PB, AC, AM-FM, grey cloth interior, black finish 53,000 miles
$4,995

1984 FORD F250
6 cylinder, 4 speed, PS, PB, AM-FM, 76,000 miles, local 1 owner trade
$3,850

1984 DODGE D100
Slant 6, 4 speed, PS, PB, prospector pkg., good condition
$2,450

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LEBANON, PA

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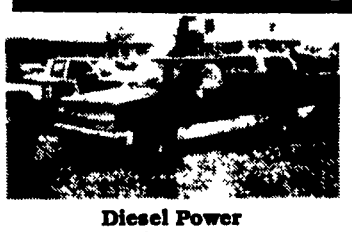
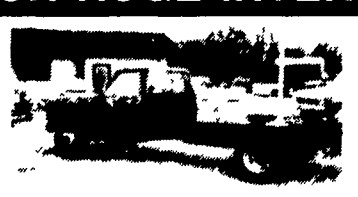


Diesel Power
81 Chevy C-30
6.2 Diesel, Auto, Runs Great, Put It To Work

87 Chevy C-20 Suburban
Perfect, 1 Owner, 454 Auto, A/C, Factory Trailer Tow Pkg., Class 3 Hitch
$10,995

Dual Rear Wheel Super Cab
85 Ford F-250
Super Cab, Dual Wheels, 460, 4 Spd, A/C, Dual Tanks, Tilt Wheel & Cruise, Very, Very Nice

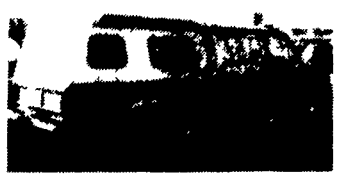


Cab & Chassis 86 Ford F-350
6.9 Diesel, 4 Spd., New Exhaust, 60,000 Original Miles

89 Ford F-350 Super Cab Dually 7.3 Diesel, Auto, A/C, Full Power, Captain Chairs, Trailer Tow Package, A Rare Tk., Call Now

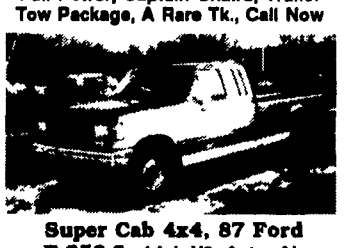
4 Door Crew Cab Dually
82 GMC 3500 High Sierra
350, 4 Speed, 67,000 Original Miles, Runs Like A Dream, Come See

Ready For Your Truck
Roll Up Door
$1,495

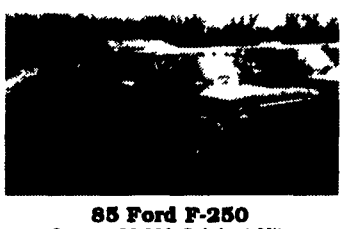


86 Ford E-350 Centurion Conversion It'll Tow Anything 460 V8, AT, AC, Full Power, Dual Rear Wheels, Rear Sleeper Sofa, Factory Tow Package, 29,000 Original Miles

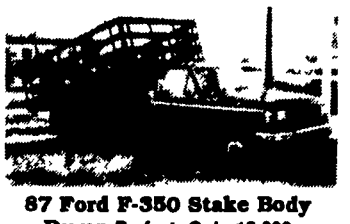
Produce Hauler - 88 Ford F-350 With Insulated Box
V8, Auto, Remaining New Tk Warranty



Super Cab 4x4, 87 Ford F-250 Fuel Inj. V8, Auto, Air Conditioning, Dual Tanks, Running Boards, 38,000 Original Miles



85 Ford F-250
1 Owner, 30,000 Original Miles, V8, Auto, Haul The Heavy Load



87 Ford F-350 Stake Body Dump Perfect, Only 19,000 Miles, 12 Foot Steel Bed, You'll Like It

AND MORE TRUCKS!

69 Chevy C-30 Stake Body
350, 4 Spd., 9 Foot Steel Bed, Almost New Tires, Nice Shape

Crew Cab Duallys
Chevy Or Ford Gas Or Diesel, Auto Or Stick, It's Your Choice
Call For Details

90 Suzuki Samurai
89 Ford F250 Super Cab XLT Lariat
89 Ford F350 Super Cab Dually, 7.3 Diesel, AT
89 Ford F250 4x4 XLT Lariat
89 Ford F150 4x4 XLT Lariat, 15,000 Miles
89 Chevy Crew Cab Dually
89 Ford F-350 Dually
89 Chevy Crew Cab Dually
88 Chevy 3500 Super Cab Dually
88 Chevy Super Cab C1500
88 Ford F450 Super Duty Utility Box
88 Ford F-350 Rollback
88 Ford Eddie Bauer Bronco
88 Chevy Suburban Tow Pkg.
88 Chevy Suburban 4x4
88 Ford Bronco II
88 Chevy Crew Cab 14,000 Miles
88 Ford F-350 Cube Van
88 Ford Ranger Super Cab 4x4
88 Ford Ranger STX 4x4
88 Ford F-150 4x4
88 Ford Bronco II, V6, AT
87 Chevy S-10 4x4, V6, AT
87 Ford Conv. Van
87 Chevy S-10 Ex. Cab 4x4
87 Chevy S-10
87 Chevy Suburban, $10,995
87 Ford F-350 Stake Body Dump
87 Ford F-250 Super Cab 4x4
87 Ford Bronco XLT, $9,995
86 Ford Bronco II 4x4
86 Chevy Suburban, 4x2
86 Ford F-350 Cab & Chassis, Diesel
86 Ford F-250 AT, 28,000 Miles
85 Ford F-350 Race Car Hauler
85 Chevy Suburban 4x4
85 Chevy Contractors Dump Truck
85 Ford F-150, 49,000 Miles
85 Ford F-250 Super Cab Dually
84 Chevy Suburban 4x4
83 Ford F-150 6 Foot Stepside
83 Ford Bronco Runs Great, $3,995
83 Chevy S-10, $2,995
83 Dodge Ramcharger, $3,685
82 GMC Crew Cab Dually
82 Chevy C-10, 6.2 Diesel, $3,695
81 Ford F-350 Enclosed Utility Box, $3,995
79 Ford F-150 4x4, 1 Owner
75 Ford F250 Super Cab, $1,995
71 Chevy C-10 Stepside Truck, $1,295

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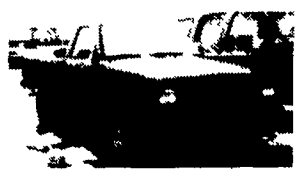
OVER 120 TRUCKS AVAILABLE!
WITH OVER 30 PRE-OWNED 4x4's!

'85 GMC S-15 JIMMY
V6, AT, AC, Sierra Classic #6071
Was $8,995
NOW $6,550



'84 GMC S-15 PICKUP
V6, AT, 58,000 Mi. #6037
Was $4,990
NOW $3,400

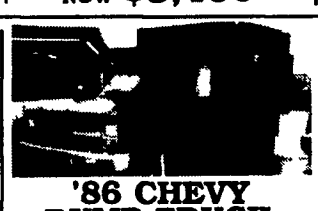
'86 FORD F-150
V8, AT, 46,000 Mi. #6002 Was $9,990
NOW $7,650

'87 DODGE VAN ROYAL SE
V8, AT, AC, Loaded, 8 Passenger, Low Miles #6080 Was $12,250
NOW $10,450

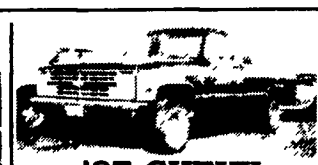
'85 FORD F-250 4x4
351, V8, AC, #6077
Was $8,450
NOW $6,750

'84 GMC PICK-UP
V8, AT, Nice #6028
Was $6,950
NOW $4,975

'85 GMC 4x4 PICKUP
High Sierra, V8, AT, Nice #6025
Was $8,400
NOW $6,700



'86 CHEVY DUMP TRUCK
8 Ft. Bed, Low Miles, #6065
Was $10,495
NOW $9,150



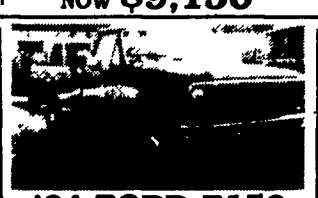
'87 CHEVY 4x4 PICKUP
Silverado, V8, AT, AC #6038
Was $9,450
NOW $7,590

'83 FORD BRONCO 4x4
V8, AT, AC #6069
Was $4,995
NOW $3,150

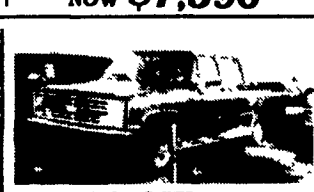
'85 CHEVY ¾ TON SUBURBAN
V8, AT, AC, New Engine, #6066
Was $7,450
NOW $6,250

'82 FORD F-150 XLT
V8, AT, AC, #6041
Was $3,995
NOW $2,575

'85 FORD F-150 4x4
V8, AT, AC, XL, Low Miles #6044
Was $8,750
NOW $7,150



'84 FORD F150 4x4 XLT
4 Spd., 300 Eng., 52,000 Miles #5555
Was $6,450
NOW $4,500



'88 CHEVY SUBURBAN 4x4
V8, AT, AC, Loaded #5553
Was $14,900
NOW $11,700

'86 DODGE W-150 4x4
V8, AT, Only 35,000 Miles #6046
Was $7,995
NOW $5,900

'86 CHEVY ASTRO
V6, AT, AC, 7 Pass., #6026
Was $8,995
NOW $6,850

'86 FORD BRONCO XLT
V8, AT, AC, Loaded, #5528
Was $11,995
NOW $8,500

Mark VII - Pickups - Broncos - Bronco II - Stake Body - Crew Cab - Custom Vans - XLT - Grand Marquis - Marquis - Lynx - Topaz - Diesel Pickups - Mustang - T Bird - Tempo - Cougar - Continental - Town Car - 4x4 - Box Van - Rangers -

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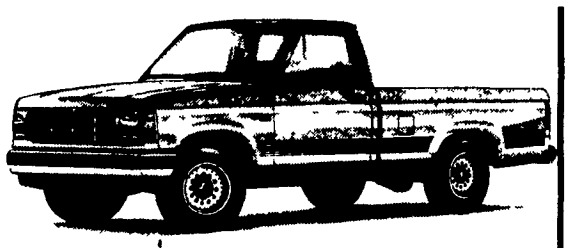
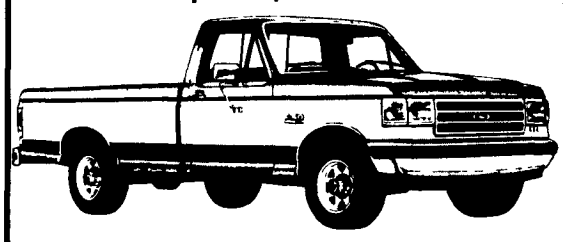
BRONCOS DIESEL PICKUPS CHASSIS CAB CARGO VANS 4x4 RANGERS PICKUPS
SUPER CAB CREW CAB STAKE BODY BOX VANS XLT CUSTOM VANS



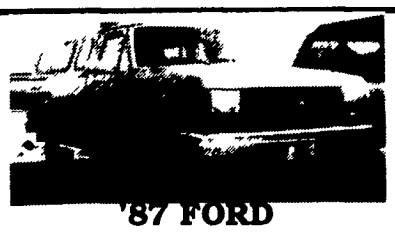
'91 FORD RANGER XLT
4x2, Two-Tone, Manual Trans.
$8,999*
5 To Choose From!

'91 FORD EXPLORER XL 4x4
4.0L EFI V6, 5 Spd., Cast Alum. Wheels, Privacy Glass
AS LOW AS $14,899*
20 To Choose From!

'91 FORD F-150 XLT
Lariat, 4x4, 5 Spd., Loaded!
$13,999*

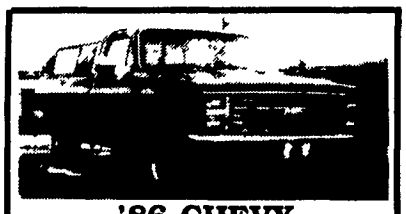


20 To Choose From! Pick Your Color!



'87 FORD F-150 PICK-UP
6 Cyl., 4 Spd, PS, PB, AM/FM St., Cap Only, 35,000 Miles
Was $8,899
NOW $6,899

'88 FORD F-250 XLT LARIAT
351, AT, PS, PB, AC, Tilt, Cruise, AM/FM St., Only 20,000 Miles, Ready To Go To Work! WAS $12,899
NOW $10,899



'86 CHEVY C-10 PICK-UP
8 Cyl., 3 Spd., PS, PB, Clem Local Trade, Only 40,000 Miles,
WAS $7,899
NOW $5,899

'88 FORD RANGER SUPERCAB
XLT, V6, 5 Spd., PS, PB, Tilt, Cruise, AM/FM Cass., Only 28,000 Miles, One Owner, Like New, STX, WAS $10,899
NOW $9,899

Over 30 Used Trucks In Stock. Prices Starting At $1,995

* Price Includes Applicable Rebates

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(3) 39' East Dump Trailers
(1) 34' City Dump Trailer
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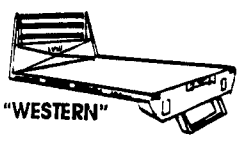
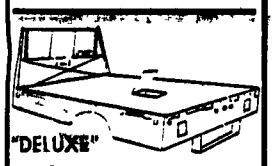
TRUCK BEDS



Heavy Duty Body with 1/8" Tread Plate Floor
8'x84"..... .....$580.00
9'x90".....$595.00

Extra Heavy Duty Body, 1/8" Treadplate Floor and Structural Steel Floor
7'x72" or 84" $600.00
8'x84".. ....$627.00
8'x90"..... . ..... $647.00
9'x90"..... . . $647.00
10'x90"..... $752.00
11'x90". $850.00
12'x90" $900.00



Extra Heavy Duty Body With Deluxe Skirting
8'x84".... .. ..$927.00
8'x90"..... .....$947.00
9'x90".....$947.00
11'x90"... ..... $1150.00

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(2) Cab & Chassis Diesel, 5 Speed Trucks
(6) 4WD, Diesel Pickups, In Stock Ready For Delivery
1990 B-350 Maxie Wagon, 15 Passenger, Dbl. Air, 8000 Miles.

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For All Your Truck Needs Serving The Area For Over 35 Years
E-TOWN DODGE
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Elizabethtown, PA

36 REAL ESTATE

122 Acre Hog Farm w/6 room house-well and septic, additional 3 room house, 4 barns in good condition, farrowing house, nursery and pig parlor. All buildings need minor repairs. Excellent buy at $92,500. Owner will finance. 804/352-5722.

145 acre 80 tillable Dairy farm, 50 cow pipe line, 18x60 silo, 4BR house, $190,000 Juniata County. 717-694-3176.

21 Private Acres with raised ranch, pine cathedral ceilings, natural stone fireplace, full deck overlooking 1 acre stocked pond. Tioga Co., Liberty, PA Contact Pat Engel at Barger Realty Services 717/322-1991

2½ story country home 2+ acres Post beam const 3 bedrooms, kitchen, dining, double, living room, bath, exposed beams, wood floors. One story addition with living room, country kitchen, 2 bedrooms, bath Western Perry County. Excellent hunting $50,000 Phone (717)536-3439.

265 acre cattle farm w/ excellent fencing and cross fencing. Good barns and facilities. Remodeled 7 rm farm house, 5 acre lake Good streams on property. Financing available, $325,000. Virginai Farm Real Estate, (804)352-5722.

350 acre operating dairy farm w/60 additional acres to rent. 3 houses in excellent condition, 4 silos, 8,000 bushel grain capacity, 2 ponds. One of the finest looking farms in Virginia. Owner will finance. Virginia Farm Real Estate (804)352-5722.

$3,950 per acre farm land. 65 acres rolling and flat. 10 minutes south of Lancaster surrounded by farms, stream, productive. Possible easement funds available. P.O. 1501, Lancaster, PA 17603.

520 acres grain and toba cco farm, farrowing house and nursery. 1 older home, needs repairs. Many other buildings in good condition. 275 acres of open marketable timber on remainder. Owner will finance $329,000 Virginia Farm Real Estate (804)352-5722.

62 acre 4 BR home, bank barn impl. shed, large stream & private Along RT 75N of Exit 14, PA Turnpike. Century 21, ALLTOWNE REALTY, Ronald L. Richards, Realtor (717)485-3154 or 4103.

ACREAGE
ELIZABETHTOWN AREA
A beautiful parcel of approximately 45 acres that includes a stream, trees, and a significant amount of tillable acreage. An ideal setting for a farmette/ estate. Price $225,000 ML58364 Kingway Realty, (717)569-8701.

ATTENTION: Amish Blair-County Farm, 112-acres, 90+ tillable, Balance woods and pasture, Large Restorable House, Excellent Spring, near Amish School. Information: 814-942-9284.

Berks County Farm, four bdr. house, mobile home, cage layer house, two horse barns, board fences, 61 acres. 215/562-7776.

Brick and siding 28x40 Cape Code w/two car garage attached, on 4.8 wooded acres, in Juniata County. Fireplace and other extras. Low taxes. $100,000. (717)463-3231, (717)535-5186.

Broiler Farm located in Lancaster County, PA, 60,000 bird capacity, no dewelling, $189,000 717-664-2629.

Center County, PA: Mt land, over half flat, all wooded. 22+ acres, $17,900. 42+ acres $29,900. Both for $42,900 717/235-0515

CUMBERLAND COUNTY: 34 acre M/L farm, ideal for small dairy operation, steers, sheep, or horses. Stream borders rear of property. 1400' M/L road frontage. ONLY $119,000. Ask for Ed Meyer for details. Jack Gaughn Realtor 717-243-8080.

Cumberland Co 3¼ acre lot, sandmound approved. Beautiful, quiet mountain location $18,000. David King, RD-2, Box-173, Newville, PA 17241.

FARMS WANTED: Are you planning on buying, relocating or selling your farm or land(s)? Give the experienced people at HEYWORTH REALTY a call We are QUALIFIED & EXPERIENCED in farm/land sales; and have all types of farms for sale. For information call or write: Lawrence Stouffer, HEYWORTH REALTY, 1300B Dual Hwy, Hagerstown, MD 21740 301-733-3701 Day, 717-597-2584 Eve

Farm Wanted to Buy -Lease w/option. 80-100 stall barn or newer free stall parlor Heifer, dry cow facilities, 200+ tillable acres, two houses. Write Box R-26, Lancaster Farming, POB 609, Ephrata, PA 17522.

Fast growing investment, 97 acres fast growing pines in Georgia. House new in 1984. 717/658-6529.

FOR RENT: 400 acre working farm w/73 cow barn, Heifer barn, house, other buildings Northeast PA. 717-942-6257.

FOR RENT: 80 tillable dairy farm, 50 cow pipeline, 18x60 silo, 3 bedroom trailer. $950. month. Juniata Co. 717-694-3176

FOR SALE: 143 acre Mifflin Co. Dairy Farm w/ stream, 112 tillable acres, 13 year old block 1 story 40 tie stall cow barn w/Patz stable cleaner, 2" pipeline, bank barn w/bunk feeder for Heifers, 18x65 concrete stave silo, 20x28 Harvestor, 13 old 3BR bi-level house. Call 717-899-6787.

FOR SALE: 25 acres of cleared farm ground Northumberland County. (717)649-5096.

FOR RENT: 70 acre farm, 45 tillable. Northwest Lancaster Co., Lebanon RT 897. 717-733-3980

FOURNIER REAL ESTATE
St. Lawrence Valley· All Types Real Estate. Dairy, land, hobby farms and waterfront Bradley Love, Salesperson. RR2, Box 274, Gouverneur, NY 13642. 315-287-2234

For Sale: Approx. 87 acres in Centre County, tillable farmland, priced to sell 814/422-8360.

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36 REAL ESTATE

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300 steer feedlot, 3 Harvestores, 8 acres newly fenced Owner financing $77,000.

20 acre farmette, 4 bedroom home, nice barn, plus outbuildings, stream & large pond $139,000

75 acres level prime farmland $150,000

300 acres approved sub-division, city sewage Excellent owner financing possible $900,000.

140 acres dairy farm w/64 modern stanchion barn, heifer barn, 2 Harvestores & 1 stave silo. 3 bdr. remodeled home, private, excellent location. $600,000

100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings No Down or Rent Option $140,000.

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees No Down or Rent Option. $69,000.

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177

CENTRAL VIRGINIA

FARM & HOME - 99± Acres of mostly pastureland with approx. 20± acres in woodland. Board fencing along highway w/ barbed wire along remainder. Many water resources exists... creeks, springs, lake site. Uniquely designed brick home - 3-4 bdrms., 1 full bath, 2 half-baths. Conveniently located less than ½ mile off US 29. $262,000.

IN THE COUNTRY - 45± Acres - approx. 20 acres is open with the balance being wooded. Fenced and cross-fenced. Includes a barn and outbuildings. Spacious home of 3396 sq. ft. - contemporary design, 3 bdrms., 2½ baths. $275,000.

BEAUTIFUL VIEWS - Pasture, hayfields, woodlands and streams comprise this 66± acre property. Two large pole barns with workshop and corn crib. Also two modular residences exists - both in excellent condition. $205,000.

ANNA CRAIG REALTY, INC.
P.O. Box 448
Lovingston, Va. 22949
804-263-4917
P.O. Box 310
Amherst, Va. 24521
804-946-7064

HUNT COUNTRY - HORSE LOVERS FARM- Circa 1800 Colonial Brick Farm House With Character, 4 BR, 4 Fireplaces. Also, Offered Are 2 Barns, Fencing, Pasture With Stream, And Located On 10 Beautiful Acres In Southern Lancaster County. Great Condition And Location. Additional Acreage Available. Must See!!! $350,000.

MELRATH REALTY
215-932-5924

TIOGA COUNTY

255 acres dairy farm, 140+ tillable, 40 cow barn, Penn State design calf barn, 2 heifer barns, machine shed & shop, corn storage, 16x36 and 20x70 silo w/unloaders, 4 bulk bins for feed ingredients storage, bulk tank, glass pipeline, barn cleaner, milking units, 4 bdrm house, 2 baths, lr, kit, fmly rm, 2 bdrm mobile home. A picturesque setting with excellent land and preventive maintenance evident. Once in a lifetime Century farm offering at only... $290,000.00 #1113

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

Franklin County
15 min. N. of Exit 14
Pa. Turnpike then N on Rt. 75.

62 acre farm with barn, impl shed and lovely home. Large stream. Priced to sell. Private but not secluded. M-448 $189,000

Huntingdon County

145 acres, nice stream, barn and outbuildings in excellent condition-home completely renovated. Must see to appreciate. A-380 $249,000

Saltillo-5300 sq. ft. Colonial Home, stream and stable-over 4 acres. A-321

Fulton County

105 acre dairy farm - 75 free stall barn-2 silos-2000 gal. tank. Random Rock 4 BR home. Large arena type impl. shed. A-303 $245,000.

New Grenada- Direct route to Raystown-Tastefully decorated-new septic-Move in. A-340 $34,000

Lovely original 4 BR 1800's home on 5 acres 1 mile of Rt. 522-Guest house and a garage with lots of room. M-412 $68,900.

Lovely 3 BR home on 5 acres, large stream and picnic area and stable. 5 minutes off Exit 13 PA turnpike $129,500.

57 acres with older block cabin-situated privately. Lots of timber, joins State game lands and near Meadow Grounds. M-420 $85,000

Small farmette w/nearly 10 acres, large stable, nice view, small stream. Along Rt. 522 w/3 BR modular ranch, $72,000.

Near Warfordsburg, PA 2 new homes- Ranch 3 BR $74,500
and Split level 3 BR $84,500

313 acres-Fulton Huntingdon Co. Border Near Exit 13 PA turnpike-Nearly one mile of boundary joins PA Game Lands-2 streams-Excellent for group of hunters or beef, chicken or swine operation. M-436 $325,000.

Additional acreage available 2 to 30 acres in lower Fulton County. $1000 an acre and up.

FOR INFORMATION ON THE PROPERTIES LISTED BELOW PLEASE CALL:
AGENT RONALD L. RICHARDS
HOME (717) 485-3154 or (717) 485-4103

Century 21
ALL-TOWNE REALTY
1053 Lincoln Way East, Chambersburg, PA 17201
(717) 267-0707

Call Ron Richards

WANT TO RENT OR LEASE with option dairy farm, must have house and good facilities. 717/789-4052.

Want to rent: Young Mennonite family is seeking to rent a dairy farm in Lancaster or Cumberland Co. will consider Shiloh, OH area. Lanc. Co. 215/445-9740.

West Virginia Blue Grass Farm, 175 Acres. 304/772-5027.

FOR RENT:
86 STALL MODERN DAIRY BARN FACILITY WITH HEIFER BARN. AVAILABLE MARCH 1, 1991 WITH HOUSING.
717-529-2855

NEW OPPORTUNITIES

670 ACRES - BRADFORD CO.- dairy w/64 stanchions, 64 free stalls and room to build on. Excellent fertile farmland. Modern home in excellent condition. Pipeline, 2 bulk tanks, barn cleaner, excellent heifer & young stock facilities, 2 Harvestores and a star top unload. 2 houses and extra bldgs. Priced under 1,000.00 per acre. Owner retiring and ready for a new owner. Can be purchased w/stock & equipment.

LANC. COUNTY - 39 acre dairy in Ephrata area. Comfort stall farm and free stall, bunk feeder from silo. There is a shaving business doing approx. $50,000 gross per year. A great opportunity for a lg. family. Priced under $400,000. Reduced to under $370,000.

LYCOMING COUNTY - Vacant dairy farm with large barn with 64 stanchions, 4BR 2 story house. Just reduced $20,000.

Sanford G. Leaman
717-393-BIDS

CENTRAL PENNSYLVANIA RURAL PROPERTIES

BLAIR COUNTY

TYRONE AREA- 243-acre FRUIT ORCHARD, good producing young trees, mountain spring water, good set of buildings (including 3-bedroom dwelling, retail sales room, and 40'x40' drive-in cooler). Serious inquiries only.

BALD EAGLE- 22.993 WOODED ACRES with subdivision possible. $1,900 per acre.

CENTRE COUNTY

(JUST LISTED) MOSHANNON - Fully-equipped CABIN (sleeps 6) on 9 level acres. $21,900.

BELLEFONTE AREA - 11± acres subdivided into 18 lots $41,500.

GATESBURG - Cedar-sided contemporary HOME ON 32+ ACRES. $275,000

PINE GROVE MILLS- 2.24-acre, wooded BUILDING SITE just minutes from downtown State College. $45,000.

R.D. WARRIORS MARK- 12-ACRE FARMETTE with cape cod home and 4-stall barn, both in excellent condition. Home was built in 1984 and features 3 bedrooms, 2 baths, and 2-car garage $237,500

JULIAN PIKE- BUILDING SITES - 2 acres priced at $31,900, 2 54 acres priced at $38,500, and 24 acres priced at $125,600.

7 MILES FROM STATE COLLEGE- 10 WOODED ACRES with an energy-efficient, all-brick home- built in 1985, 2-car garage and a 3-bay car shed. $185,000

PENNS VALLEY- FARMETTE with 18± acres, small brick ranch home, 2-story bank barn with 5 new stalls added, new 24'x42' shed located on a beautiful site with approximately 1,000 feet of creek frontage. Small horse business in operation with 100'x220' riding ring, 15 acres cleared and fenced with a capacity of boarding 12 horses. $149,900.

BRUSH VALLEY- 40 ACRES (20 open, 20 wooded), scenic view, spring water. $108,000.

GEORGES VALLEY- 84± acre GENERAL FARM (60+ acres tillable), large bank barn and outbuildings, and a totally renovated 4-bedroom, 1½ -bath farmhouse featuring heat pump with central air. Priced to sell at $239,000.

SNOW SHOE- 1-acre with CABIN, adjoins state game lands, excellent hunting and fishing. $11,900.

STATE COLLEGE- HORSE FARM with 66 acres, 4-bedroom home, 2 horse barns, implement shed, possible owner financing. $550,000. Possible subdivision

SEVEN MOUNTAINS- Wooded BUILDING LOTS, 5 to 13.04 acres. $35,000 to $78,000.

SKYTOP- 33.87 WOODED ACRES with well, electric, and gravel driveway to proposed building site. Very secluded and just minutes from State College. $69,900.

POTTERS MILLS- 11-acre FARMETTE in Penns Valley School District features a remodeled 4-bedroom, 2½ -bath home, horse barn with 6 stalls and tack room, riding ring, loafing shed with automatic watering and dog kennel $265,000.

MARSH CREEK AREA- 5.8-acre COUNTRY ESTATE, beautiful, mountain stone home with 4 bedrooms, 2 baths. The ultimate in country living Open land, wooded land and beautiful stream. $125,000

COLYER LAKE- Beautiful [SOLD]CRE PROPERTY with views of Colyer Lake Property has new 3-stall [SOLD] room, water and electric, and fenced corral Home features two-level deck, 3 bedrooms, 2 baths and woodburner. $92,500.

CLINTON COUNTY

CLINTONDALE AREA- 120± ACRES (60 tillable, 60 mature woodland), bank barn, Little Fishing Creek flows through parcel, adjoins state forest land. Possible owner financing. $259,000.

HUNTINGDON COUNTY

(JUST LISTED) RAYSTOWN - PERMANENT RESIDENCE or LEISURE HOME on 1.82 acres. Features 3 bedrooms, 3 baths, security system, heat pump, 3-car garage. $135,000.

WHIPPLE DAM AREA- 5 WOODED LOTS- 10 to 17 acres, some with stream frontage. Starting at $30,000.

WHIPPLE DAM AREA- 3-bed[PENDING]LOG HOME with stream frontage. Situated on 22± acres with ad[PENDING]able. $159,900.

McALEVY'S FORT- Only 2 WOODED LOTS remaining (4.43 and 3.33 acres) 17 miles from State College, excellent recreational or permanent home site, conventional septic approved. $21,900 each.

MIFFLIN COUNTY

MILROY- 100 wooded and secluded acres of LAND with 2 natural springs. Well and septic needed. $99,000.

OTHER LAND PARCELS AVAILABLE.
CALL OR WRITE FOR A FREE LIST.
WANTED: Rural land and farms. Have buyers, will list.

Farm and Land Division
Fred Strouse (814) 234-4000
Scott Yocum (814) 466-3150
Terry Gingher (814) 466-2118

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245 South Allen Street
State College, PA 16801
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The Professionals In Farm Real Estate Service

HERITAGE REALTY GROUP INC
1525 Science St., State College, PA 16801
814-231-0101

Contact: DON C. MYERS
Residence: (814) 422-8111
KENNETH L. HALL
Residence: (814) 387-6273
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FARM & RURAL PROPERTY DIVISION

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- * A Comprehensive Advertising Program (local, regional & out-of state)
- * Video tapes of operating farms
- * Ag Progress Days exposure
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- * 17 years of rural property experience

Whether buying or selling, we would be pleased to be of service to you. Many farms, farmettes and land parcels available. Call or write for free lists, or see our bi-weekly Lancaster Farming inventory ad in the January 12th issue.

---

50 ACRE VEGETABLE FARM

In the (BLACK DIRT) area of Orange County, NY, 50 miles north of New York City markets. Excellent deep Carlisle muck. Suitable for most crops and sod. Farm includes home and storage buildings. Also 19 person modern housing unit for labor, or 3 family rental income. May be sold in separate parcels. Additional contiguous muck land available.

Call (914) 258-4746
Details and pictures available

UNION COUNTY

34.5 A has 20A tillable , 14A wooded with stream, house, 2 pole buildings. Private location features energy efficient, 10 yr. old home with 3 or 4 BR, 2½ bath, LR, DR, country kitchen, enclosed breezeway, garage. Many extras include Quaker Maid cabinets, oak floors, central vac, woodstove, fireplace in master bedroom, etc. Large windows offer nice view of fields, woods and mountains. Adjoining 70 A. also available.

34A & buildings: $189,000
104A & buildings: $325,000
Contact owner at
(717) 966-2678

Marlin H. Fields Real Estate

MIFFLIN COUNTY OFFICE (717) 248-5451
101 No. Wayne Street
Lewistown, PA 17044 (717) 248-3904 FAX
JUNIATA CO. OFFICE (717) 436-8839
SNYDER CO. OFFICE (717) 374-8106

WE ACT AS LOCATORS FOR FARMS AND LAND

R101 FOR RENT Mifflin County - Near Ryde 70 acre farm (60 ac till and 10 past), bank barn (no equipment), pole shed and other out buildings No dwelling Ideal for crops, beef, hogs, etc (not dairy). Call Dallas E Will, Farm & Land Specialist - Ofc 717-248-5451, Hm 717-543-5685.

F302 - Mifflin County - Ferguson Valley - PRICE REDUCED ~~$250,000~~ $225,000 131 acre dairy farm, ideal for beef. Pipeline, bulk tank, earthen manure storage pit, 3 silos, 72 free stall barn and 20 heifer stalls 80 acres production land and balance woodland and farm site with 2 houses (2 story farm house 4 BR and a 4 BR ranch house, 2 baths, solid oak kitchen and stone fireplace in large family room, living room and dining room).
Adjoining land for rent on long term lease.
85 acres of ridge and mountain land adjoining farm available $50,000 Dallas Will, Farm & Land Specialist - Ofc 717-248-5451, Hm (717) 543-5685

H101 - Huntingdon County - Porter Twp, 152 Acre dairy farm with 98 free stalls and double six milking parlor 4 c s. silos and 1 trench. Good soils, partially flat and partially rolling Road frontage. Rental land available. An outstanding 12 room early american mansion house. You must see this one. Call Rachel Port Home (814) 669-4194 or Dallas Will, Farm and Land Specialist, Office (717) 248-5451 or Home (717) 543-5685.

F201 - Snyder County - 144 acre Christmas tree plantation, 90,000 premium Douglas Fir and Blue Spruce Trees. Minimum of 10,000 7' Douglas Fir can be harvested this year. Call George Harrison - Office (717) 374-8106 or Home (717) 672-9127

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LOOKING FOR A SMALL ESTATE? Then look at this 5-bedroom remodeled farmhouse, guest house, large barn, sitting 6+ acres waiting for you to see. This country estate also has Creek Frontage. Must see! Call us today.

PERFECT for the large family. A UNIQUE solid Brick Home on over 9 acres. 6 bedrooms, A simply elegant old house located near the Maryland Line in a small village atmosphere. Fireplace in every room. Call today!

A DIAMOND IN THE ROUGH, 1800 Century, 5 bedroom, 2.5 bath all Brick Farmhouse situated on 4 acres. Land is partially wooded and has a large pond. Just an hour's drive from Baltimore & Washington. Call us today!

FOR MORE INFORMATION ON THESE PROPERTIES CALL OUR OFFICES AT:

SOLD
Smith Real Estate & Associates
Better Homes and Gardens

628 E. Baltimore Street
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(717) 597-8161

17 N. Main Street
Mercersburg, Pa. 17236
(717) 328-3133

1047 Lincoln Way West
Chambersburg, PA 17201
(717) 264-4300

1200 Dual Highway
Hagerstown, MD
(301) 797-1717

SHOULDA, COULDA, WOULDA. CALL NOW for appointment to see this 14 acres with nice brick farmhouse, large bank barn and two large broiler houses which can bring in $50,000+ per year in income under contract with local poultry company. In the Manheim area. Only $325,000

HALF A HORSE FARM. In southern Lancaster County 11 acres of good, fertile, level ground. A 64'x40' metal barn has heat, electric and water. There is a homesite with a well and septic system waiting for you to add your dream home, whether stick built, modular or mobile. Put up your fences and saddle up. Only $99,000.

COMMERCIAL LOCATION. In Lancaster County, just south of Route 30 on busy Route 41. A stone house with 1500+ square ft. of space, plus full basement. A great location for professional office or retail store. Directly across from one of the busiest food stores in the county. High traffic count and great visibility. OPPORTUNITY KNOCKS. $159,000.

ON THE MASON DIXON LINE. Many possibilities on this 46 acres level ground, some open some wooded. In an area which is primarily agricultural just off Route 272 at the PA/MD line. A real opportunity to make yourself a nice produce or horse farm. REASONABLY PRICED AT $4,000 PER ACRE.

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REALTOR
5405 Lincoln Highway
P.O. Box 108, Gap, PA 17527
(717) 291-1542

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UNION COUNTY
27 Acre Farmette
7 year old, 2 story, energy efficient house, 4 yr. old 44'x100' barn. High quality fence surrounds most of land. Beautifully landscaped.
Call
717/966-3685
Except Sunday

Call or write for our listing, or see our local listing in Lancaster Farming's January 12th Issue

Longacre

Paul M. Longacre Real Estate
Rt. 100 Hereford, PA 18056
215-679-5919

GRAND OPENING CELEBRATION!

January 28th - February 9th

LEBZELTERS FIELD & FLEET CENTER
RTE. 283 - RHEEMS EXIT
ELIZABETHTOWN PA
LOCATED BEHIND MESSICK FARM EQUIPMENT

DYNA TORQUE RADIAL*
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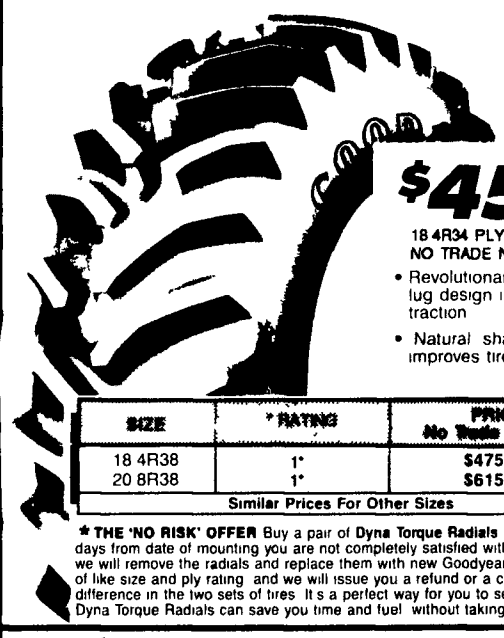

$450

18 4R34 PLY RATING 1*
NO TRADE NEEDED

- Revolutionary 3 pitch lug design improves traction
- Natural shape casing improves tire body life

SIZE	* RATING	PRICE No Trade Needed
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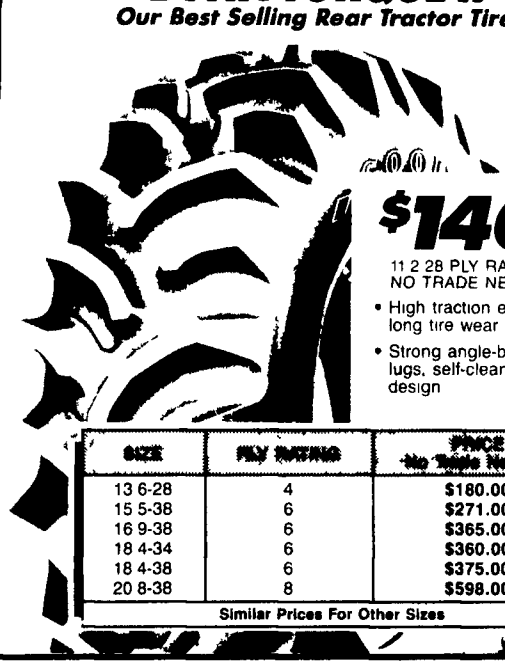
* **THE 'NO RISK' OFFER** Buy a pair of **Dyna Torque Radials** If after 90 days from date of mounting you are not completely satisfied with these tires we will remove the radials and replace them with new Goodyear bias ply tires of like size and ply rating and we will issue you a refund or a credit for the difference in the two sets of tires It s a perfect way for you to see how well Dyna Torque Radials can save you time and fuel without taking any chances

DYNA TORQUE II
Our Best Selling Rear Tractor Tire!



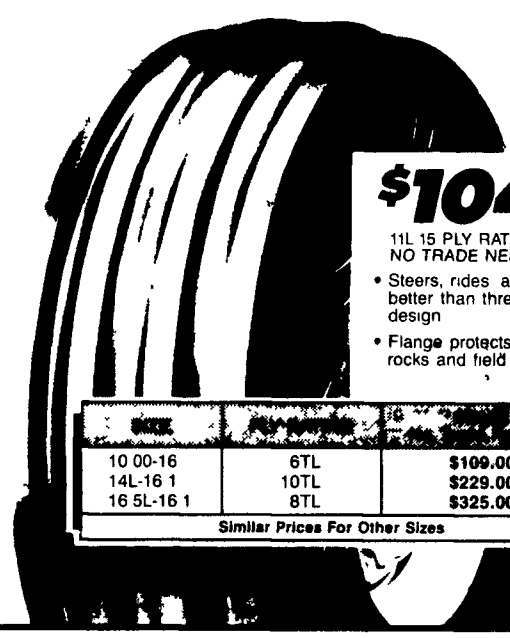
$140

11 2 28 PLY RATING 4
NO TRADE NEEDED

- High traction efficiency long tire wear
- Strong angle-braced lugs, self-cleaning design

SIZE	PLY RATING	PRICE No Trade Needed
13 6-28	4	$180.00
15 5-38	6	$271.00
16 9-38	6	$365.00
18 4-34	6	$360.00
18 4-38	6	$375.00
20 8-38	8	$598.00
Similar Prices For Other Sizes		

DYNA RIB FRONT
Tractor Tire



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11L 15 PLY RATING 6TL
NO TRADE NEEDED

- Steers, rides and wears better than three-rib design
- Flange protects against rocks and field stubble

SIZE	PLY RATING	PRICE No Trade Needed
10 00-16	6TL	$109.00
14L-16 1	10TL	$229.00
16 5L-16 1	8TL	$325.00
Similar Prices For Other Sizes		

✔ Large Tire Inventory — All Types & Sizes
✔ 24-Hour Fleet & On The Farm Pit Stop Service
✔ Total Computerized Vehicle Alignment — All Vehicles
✔ Complete Wheel Balancing

30,000 MILE TREAD LIFE WARRANTY

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Economical All-Weather Traction

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P155/80R13	$30.00
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P175/80R13	$38 00
P185/80R13	$40 00
P185/75R14	$41 00
P195/75R14	$43 00

WHITEWALL SIZE	SALE PRICE No Trade Needed
P205/75R14	$46.00
P205/75R15	$49.00
P215/75R15	$50.00
P225/75R15	$52.00
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Steel Belted Strength, All-Season Traction

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P175/80R13	$42.00
P185/80R13	$43.00
P185/75R14	$46.00
P195/75R14	$49.00

WHITEWALL SIZE	SALE PRICE No Trade Needed
P205/75R14	$51 00
P205/75R15	$53.00
P215/75R15	$58 00
P225/75R15	$59.00
P235/75R15	$63 00

45,000 MILE TREAD LIFE WARRANTY

GOODYEAR ARRIVA

Dependable Wet-Dry Traction All Year 'Round

WHITEWALL SIZE	SALE PRICE No Trade Needed
P155/80R13	$43.00
P165/80R13	$48.00
P175/80R13	$51 00
P185/80R13	$54 00
P185/75R14	$60.00
P195/75R14	$63 00

WHITEWALL SIZE	SALE PRICE No Trade Needed
P205/75R14	$65.00
P205/75R15	$68.00
P215/75R15	$71.00
P225/75R15	$75.00
P235/75R15	$81.00

Not valid with any other offers. Expires 3-17-91

Keep it running clean!
Oil Change, Filter & Lube
$14.95
Reg. $23.90 With This Coupon Includes up to 5 quarts of oil. Special diesel oil and filter type may result in extra charges.

General Service Coupon
$10 OFF Any purchase of $100 or more
$20 OFF Any purchase of $200 or more
$30 OFF Any purchase of $300 or more
$40 OFF Any purchase of $400 or more
ANY SERVICE*
* Cannot be used with any other coupons.

P. Lebzelter & Son P. Lebzelter & Son

Keep it running straight!
Computerized Wheel Alignment
$23.95 Front wheel only
$32.95 Front & rear wheels
with this coupon
Set caster, camber and toe to exact manufacturer's specifications while referencing and compensating or adjusting thrust line, depending on alignment type.
* Chevettes, Fieros, light trucks, 4 wheel drive vehicles and cars requiring Mac-Pherson strut corrective extra.
** Rear shims and installation extra, if required.
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Not valid with any other offers. Expires 3-17-91

GOODYEAR SKID LOADER TIRES

23-8.50-12, 4 Ply	$54.00
27-8.50-15, 4 Ply	$60.00
27-8.50-15, 6 Ply	$68.00
27-10.50-15 6 Ply	$76.00
10-16.5 6 Ply	$89.00
12-16.5 6 Ply	$120.00
14-17.5 10 Ply	$280.00
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When You Need On-The-Farm Tire Service In A Hurry, Just Call Us. We Can Cut Your Downtime Down To Size!

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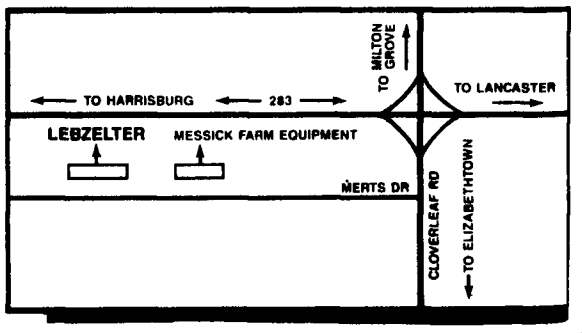
1-800-932-3999 OR 367-6777
(For Pennsylvania & Maryland)
Located Behind Messick Farm Equipment



Atlantic BREEDERS COOPERATIVE

Sires you can rely on!

January/91 Sire Summaries

8H1751 Ever-Ready +$290

8H2024 Leadman +$266

8H1880 Masterplan +$246

8H1651 Daylight +$280

	bull		sample code/org.	M-F Daus./Herds	REL	PROT$	lbs.M	lbs.P	%P	lbs.F	%F	CFP	EDBH	1/91 HA Type PTAT	REL
						January/91 USDA Predicted Transmitting Abilities-90									
	8H1751	Ever-Ready	S8	87/71	86%	+$290	+2,426	+70	-.02	+74	-.06	+144	4%	+.02	77%
	8H1651	Daylight	S8	93/72	87%	+$280	+2,190	+67	-.01	+78	.00	+145	5%	+.11	81%
	8H1626	Deputy	S8	48/43	81%	+$279	+2,258	+65	-.02	+77	-.02	+142	6%	-.52	76%
	21H859	Christmas	S21	53/47	81%	+$271	+2,224	+62	-.03	+75	-.02	+137	11%	+.15	72%
	8H2024	Leadman	S8	71/61	83%	+$266	+1,940	+74	+.07	+67	-.01	+141	9%*	+2.04	76%
NEW!	8H1852	Rondike	S8	58/54	79%	+$265	+2,044	+54	-.05	+86	+.06	+140	6%	-.15	78%
NEW!	8H1915	Kai	S8	52/42	76%	+$253	+1,375	+63	+.10	+90	+.20	+153	7%	N/A	N/A
	8H1464	Cleitus	S8	1,490/966	98%	+$252	+1,897	+54	-.02	+80	+.06	+134	10%	+1.84	96%
	8H1659	Prompt	S8	43/38	79%	+$250	+1,884	+63	+.02	+69	+.01	+132	7%	+.08	72%
	21H1168	Jerrico	S21	61/51	78%	+$248	+2,028	+52	-.05	+74	+.01	+126	11%*	+.57	75%
NEW!	8H1880	Masterplan	S8	67/61	81%	+$246	+1,408	+70	+.13	+75	+.12	+145	7%	+.53	80%
	8H647	James	S8	59/50	81%	+$237	+2,256	+58	-.05	+50	-.15	+108	8%*	+1.13	72%
	8H1768	Gipper	S8	61/55	82%	+$237	+1,674	+52	.00	+78	+.08	+130	6%	+.83	76%
	8H2010	Revelation	S8	64/52	83%	+$224	+2,448	+36	-.19	+57	-.14	+93	10%*	+1.50	59%
NEW!	8H1845	Bopete	S8	67/61	82%	+$224	+2,069	+58	-.03	+46	-.14	+104	6%	+.61	80%
	8H1640	Bell Boy	S8	83/67	86%	+$222	+2,013	+50	-.06	+55	-.08	+105	7%	+1.24	76%
	8H1803	Valid	S8	80/66	85%	+$222	+2,186	+49	-.09	+50	-.14	+99	5%	+1.30	82%
	21H1117	Walnutdale	S21	65/55	81%	+$221	+1,814	+47	-.05	+65	.00	+112	10%*	+1.39	78%
	21H738	Rex	S21	2,038/1,195	99%	+$220	+1,834	+54	-.01	+56	-.05	+110	8%	+1.48	96%
	8H585	Outlook	S8	67/56	84%	+$219	+2,054	+46	-.09	+56	-.09	+102	9%	+.74	71%
	8H1885	Trancer	S8	709/453	97%	+$218	+1,583	+43	-.03	+76	+.09	+119	15%	+.19	87%
	8H1276	Sundancer	S8	6,899/2,961	99%	+$213	+1,743	+56	+.01	+51	-.06	+107	9%	+.79	98%
	8H1381	Poppie	S8	665/429	97%	+$211	+2,018	+49	-.06	+47	-.12	+96	11%	-.29	85%
	8H1748	Trendy	S8	271/190	94%	+$211	+1,963	+53	-.04	+44	-.13	+97	6%	+1.44	79%
NEW!	8H2063	Vet	S8	64/55	79%	+$210	+2,419	+49	-.12	+31	-.26	+80	10%*	.00	59%

*New sire: graduate of random sampling program with 70% REL or second summary; REL–reliability; PROT$–economic index including milk, fat and protein EDBH–Expected Difficult Births in Heifers, January/91 NAAB data (breed average is 9%); *–preliminary, based on fewer than 50 observations*

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GEORGE F.W. HAENLEIN
Extension Dairy Specialist
University of Delaware

NEWARK, Del. — As 1991 begins, it's time to make New Year's resolutions. Many of us in the dairy business could also make a wish list for what we want, or don't want, as the case may be, in the next year.

Freudian analysts suggest that sex is a thought foremost on people's minds, but for dairy operators, it's simply business. We are professionally and seriously concerned with that aspect of sex that hits us in our pocketbooks — conception in dairy cows.

Despite all the wonderful biotechnological progress, one in four dairy cows last year was not getting the point of sex, which is to conceive. So on top of my 1991 wish list is better sex performance in all dairy animals. The problem might be that the dairy cow has been increasingly productive physically, producing more and more pounds of milk per day. New studies from Iowa State University indicate that higher milk production is related to longer periods of suppression of estrous behavior in cows.

Traditionally cows have been expected to have a calf every 12 to 13 months. A top dairy cow with 1500 pounds bodyweight might be milking 150 pounds per day. Compare this to a top dairy goat with 150 pounds bodyweight milking, not unusually, 15 pounds per day. However, evolution has made most of these dairy goats seasonally anestrous, because their gestation period is only 5 months as compared to 9½ months for cows. Also, goats, in contrast to cows, can easily have two or three healthy offspring per parturition. So what are the options for dairy-cow people?

Systematically producing twins or triplets is not feasible, not unless E.T. (embryo transfer) plus Cesarian section delivery can offer a breakthrough some day. Nor is a shorter pregnancy possible. And considering less milk per animal per day is not practical since that is where the profit is. Experts agree that the profitability of today's dairy farm is inextricably tied to higher milk production per animal.

So for this seemingly one-track problem only one option is left: to forego the traditional requirement of one calf every 12 to 13 months — and maybe sex-identified E.T. can be a breakthrough here — or to discover why sex with conception and high levels of physical work are not compatible, and then rectify the situation.

One interesting discovery in the new Iowa study is that high milk production was not antagonistic to reactivation of ovarian function, only to expression of estrous behavior. This means a more silent estrus, resulting in less detection of its occurrence by dairy farmers.

Furthermore, fat heifers or those in negative energy balance showed reduced fertility because of less progesterone hormone secretion, which affected the regularity of the estrous cycle and accuracy of timing of A.I. Days to first estrus increased in high-milking cows, and these have negative energy balance, less blood glucose, less liver glycogen and more fat breakdown metabolites. This brings to mind the time-proven procedure of sheep breeders who practice "flushing" when they want to bring their ewes into estrus. They temporarily increase the nutritional levels of the sheep.

With all the genetic selection success in dairy cows, have we hit a nutritional ceiling that says from here on you have either milk or conception but not both? Yet we have added to our bag of nutritional new tricks rumen-protected protein and rumen-protected fat to provide the digestive guts of our cows with the nutritionally higher density ration needed to overcome those negative energy balances. This has given us 24,000-pound herd averages, or 75 to 80 pounds milk per day. Certainly we know how to reach much more milk per cow per day than 75 to 80 pounds, but we do not know too well yet how to sustain such a level to reach 30,000-pound herd averages, especially in the face of reduced estrous activity.

A partial answer comes from a new Cornell University study that examined pregnancy-check strategies. When on-farm milk progesterone was tested on day 19 after breeding followed by treating the detected nonpregnant cows, a substantial net-profit per cow was realized above the alternative strategy of the traditional pregnancy check by rectal palpation between days 35 and 50 after breeding and the use of pressure-sensitive mounting detectors. It certainly seems that this opportunity for earlier catching of cows which have not conceived should reduce numbers of repeat services and long average calving intervals, which will help make 1991 more profitable for such practitioners.

Bucks Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

November 1990
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Robert Hewitt	B3	25.3	95.3	21,933	670	680
Arlin Halteman	B3	67.0	90.6	19,973	704	655
Fred Seipt Family	3	117.0	89.0	20,295	693	648
Patty-Run Dairy Farm	B3	64.1	87.2	20,585	752	640
W B Saul High School	3	20.1	89.4	20,134	678	630
Richard A Bechtel	B3	80.4	90.0	19,500	687	626
Robert + Terry Moser	B3	78.4	89.4	18,763	655	624
Correctional Indust	B3	154.9	85.5	19,196	654	616
George Seneko Jr	3	65.0	89.7	19,100	707	611
Edwin A Pollock	B3	40.6	88.3	18,730	563	608
Arthur A Kulp	B3	50.7	88.2	18,748	629	593
Harold K Halteman	3	62.8	88.5	18,802	694	593
Chester Soltys III	B3	55.8	88.3	18,526	648	574
Merrymead Farm	3	104.0	88.5	17,706	650	571
Franklin J Schlegel	B3	36.1	90.1	17,546	636	568
Harold Moser Jr	B3	94.6	83.5	17,535	660	567
Charles Rhoads	3	35.5	89.6	18,029	703	567

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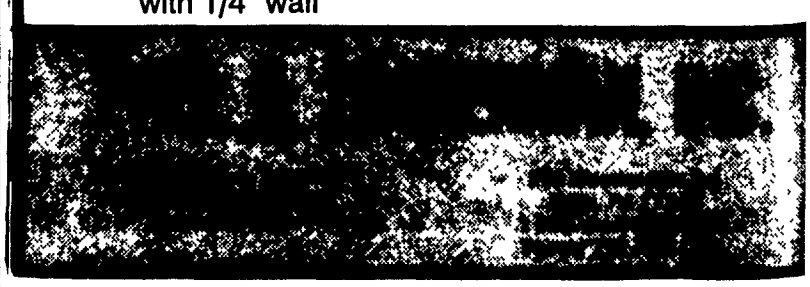

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1991 Corn Borer Alert! Watch And Be Ready

PRESCOTT, WI— It didn't take a well-trained eye to figure out that corn borers were a real problem last fall across much of the Corn Belt. Fields with plant tops gone, downed stalks and dropped ears were a common sight.

"But that doesn't necessarily mean there's going to be an even more severe problem this spring," says Dr. Rich Edwards. Purdue University extension entomologist.

"Corn borers overwinter in the larval stage. You normally start each spring with sufficient numbers to cause potential problems. Last year's outbreak does mean that the potential is probably even greater this year if you just look at the overwintering population. But spring weather conditions during moth flight, mating and egg-laying will have a great deal more to do with potential corn borer problems for 1991 than the fact that corn borer numbers were high last year."

Hidden first brood damage

"My advice for farmers wondering about possible corn borer problems in 1991," says Jim Bing, Agrigenetics Company entomologist, "is to be concerned, worry about them, scout fields and then be prepared to apply insecticides if economic damage threshold levels have been reached.

"The lesson to be learned," continues Bing, "is that farmers need to be aware of problems caused by both first and second generation corn borers. I know they see the visual symptoms of missing plant tops, downed stalks or dropped ears caused by second generation borers and they know that means yield loss. And those losses can be substantial where outbreaks are severe. But there are many farmers who lose yield they don't even know about.

"What I'm concerned about are fields that suffer first generation damage that is often unseen. Most yield loss due to first brood corn borers is physiological damage.

"First generation corn borers cause, on average, a 5% yield loss for every borer up to three that tunnel into the young stalk. That means that just three borers can cause a 15% yield loss per plant! Yield loss from four or more increases at a slower rate."

What's good for farmers is good for borers

"What's important for next spring," says Purdue's Edwards, "is the number of corn borer larvae that pupate and emerge as adults. Weather has a great effect on moth numbers. Moths are cold-blooded and their activity is regulated by temperature. Rainfall and wind can also interfere with their ability to lay eggs. Since they are active at night, cold, wet and/or windy night-time conditions will lower population numbers.

"The irony, of course, is that weather conditions that favor early, timely spring planting also favor higher numbers of corn borers. A good spring that allows farmers to plant early means there are lots of attractive, young corn plants available for the moths to lay their eggs on.

"The good news is that a fairly high population of first generation borers doesn't automatically mean high numbers of second generation borers. That's because if the planting conditions were right to favor first generation borer development, most of the corn is generally too far along to be very attractive to the moths laying second generation eggs. They'll find other places to lay eggs.

"That's why second generation was the problem last year; because planting was delayed and later-maturing than normal corn plants were very attractive to the second generation egg-laying moths."

A cold winter with minimal snowfall won't help much either, believes Edwards. "Corn borer larvae produce a substance that acts much like automobile anti-freeze to protect them during the winter."

Some hybrids show resistance

"Keeping a close eye on the fields is the best thing farmers can do," agrees Jacques Seed Company corn breeder Lyndall Dallas. "Another is to evaluate last fall's individual hybrid performance. There are certain corn hybrids which tend to be more tolerant of corn borers than others.

"The moths seem to prefer the tallest, dark-green plants. Hybrids which may have a little shorter stalk and a somewhat lighter green color may not be so attractive to the pests."

Spray timing is critical

"Intensive scouting is necessary to determine the time of insecticide application for control of borers during the tasseling and silking stage of corn development," says Kevin Coey, Jacques Seed Com-

(Turn to Page C4)

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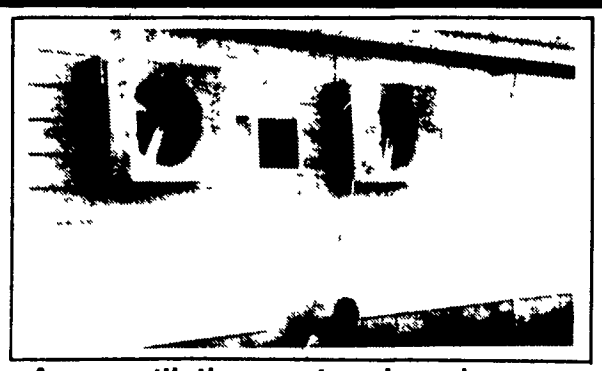

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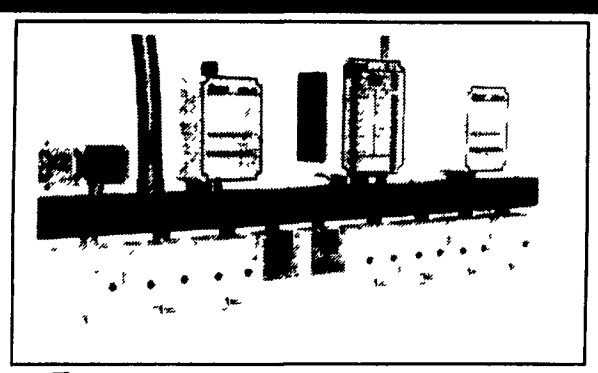

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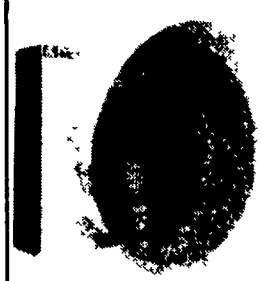

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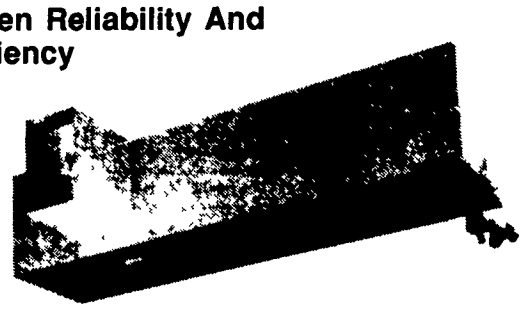

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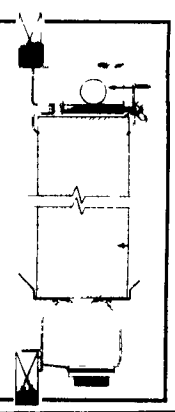

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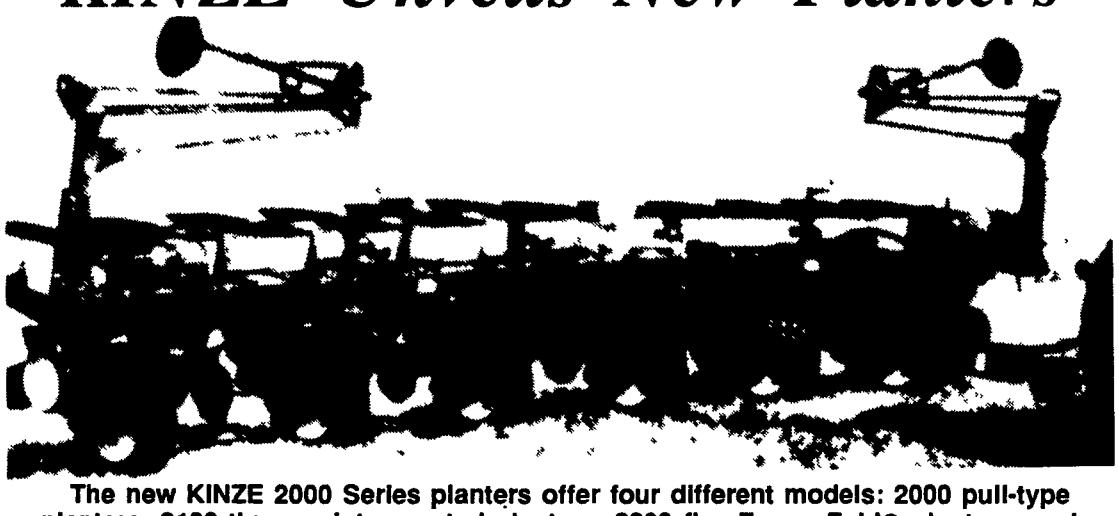
KINZE Unveils New Planters



The new KINZE 2000 Series planters offer four different models: 2000 pull-type planters; 2100 three-point mounted planters; 2200 flex Econo-Fold® planters; and 2300 Twin-Line® planters. Each is equipped with new, simple, mechanically-driven seed meters which allow operators to singulate corn, soybeans, milo, and cotton with more accuracy and dependability than any other metering systems in the field today.

WILLIAMSBURG, Iowa — New patented row unit and seed meter technology. Simple uncluttered modular design. A wide variety of planting options and attachments for conventional, minimum till, ridge-till, and moderate no-till.

These and many other features hallmark the introduction of a complete new lineup of 2000 Series planters announced recently by KINZE Manufacturing, Inc.

The new KINZE 2000 Series offers four different models: 2000 pull-type planters; 2100 three-point mounted planters; 2200 flex Econo-Fold® planters; and 2300 Twin-Line® planters. Each is equipped with new, simple, mechanically-driven seed meters which allow operators to singulate corn, soybeans, milo, and cotton with more accuracy and dependability than any other metering systems in the field today. They also are designed with easy-to-adjust, end-mounted transmissions which require no tools when changing rates.

The 2000 pull-type planters (both single and double frame®) are available in six different sizes, from 4 row N or 8 row W. The single-frame units can be set up to plant in standard row widths, and minutes later convert to interplant spacings for narrow rows by using patented interplant push units. Or, they can be equipped with liquid or dry fertilizer attachments to reduce extra trips and expense. The Double-Frame® units provide all of the options -- standard rows, interplant rows, fertilizer, and tillage options -- on one planter.

The 2100 three-point mounted planters range from 4 row N to 12 row N. (Rigid models, up to 8 row W; vertical hydraulic fold models, 8 row W ands 12 row N.) The units are designed for flatland beds or ridges. Wheel position and height is easily adjustable for different planting conditions. The larger folding units are also available with optional dual lift assist wheels for added balance and stability.

The 2200 flex Econo-Fold® planters (8 row N, 8 row W, 12 row N) offer big planting capacity with simple, mechanical fold capabilities and a new modular, center flex design. The center flex provides up to 20° of flexibility for greater adaptability and versatility, on all types of contours or terrains, including terraces.

KINZE's premium planter model, the 2300 Twin-Line® provides operators with 8-, 12-, and 16-row capacity, hydraulic fold from the tractor seat -- as narrow as 11'2" -- plus all of the fertilizer, narrow row, and conservation tillage options on one planter. The unit is designed with parallel toolbar construction, flexible wings (8° up or down), plus electric/hydraulic console control of the row markers and folding/unfolding sequence. It also comes equipped with master/slave hydraulic lift and electrical point row clutches which let you shut off either half of the planter for half-width planting.

1991 Corn Borer Alert!

(Continued from Page C3)

pany Director of Agronomy Services.

"The best information to date indicates that the first chemical application should be applied when eggs begin to hatch and larvae are visible in leaf axils. Choose an insecticide that will control hatching borers over several days. If fresh eggs are still observed seven to 10 days following the chemical application, a second treatment may be required."

Scouting is the key, agree all the experts. "Start carefully watching when plants get to be about knee-high," concludes Bing.

"Scout for signs of corn borers, determine when economic damage thresholds have been reached, and then apply insecticides when necessary. Just because corn borer numbers were high last year doesn't automatically mean the problem will be back this spring, but be alerted that it's something you need to watch out for."

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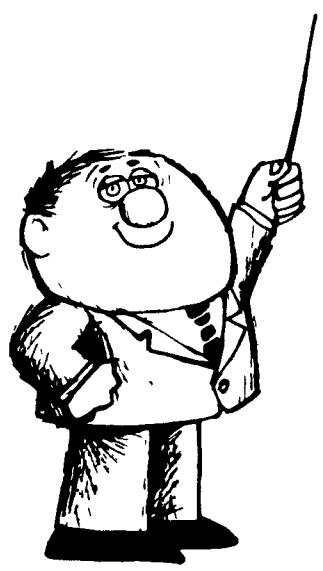

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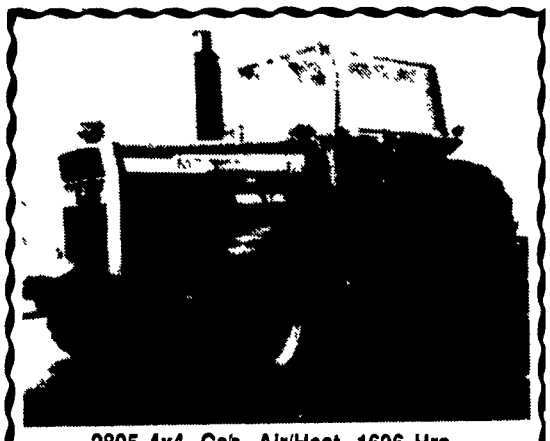


2805 4x4, Cab, Air/Heat, 1696 Hrs., 20.8x38 Duals, 3 Hyd.
$15,500

JD 4020 side console, syncro range w/cab	$ 8,900
JD 4020, side console, power shift	$ 8,500
JD 318 w/mower	$ 2,900
JD 300 hydro w/mower	$ 1,800
IH 3688, 18.4-38 tires, 1,294 hrs., sharp	$19,800
IH 1086, cab & air	$11,500
MF 3545, 4x4, cab & air	$21,500
MF 2805 4x4, cab, air & duals	$15,500
MF 1100	$ 4,500
MF 285	$ 7,500
MF 275 w/loader	$ 7,900
MF 270	$ 8,750
MF 245 w/quick tach loader	$ 9,500
MF 236 quick tach loader	$ 1,500
Zetor 120-45, 4WD	$ 7,500
Deutz 6806	$ 4,900
Deutz 6206	$ 3,000
4 & 6 row Danish tine cultivators	$800 to $ 1,200
MF 2X roll-over plow	$ 900
White 5 btm. cushion trip plow	$ 1,800
MF 5 btm. trailer plow	$ 750
MF 850 combine, 15' flex	$19,500
MF 1143 corn head	$ 4,500
(4) MF flex heads	$2,000 to $ 3,000
MF 236 loader for 4WD	$ 2,500
Allied quick-tach loader for 06, 56 & 66 series IH	$ 2,000
Ford 6 btm. on land hitch auto. reset plow	$ 2,500
JD 2500 5 btm. plow	$ 3,000
JD 336 baler w/hydraulic thrower	$ 3,400
NH 315 baler	$ 4,200
Fox blower	$ 700
Gehl 920 forage wagon, tandem gear & roof	$ 3,800
Parker gravity wagon	$ 1,000
JD 1209 haybine	$ 1,800
Deutz Allis disc mower	$ 2,000
10', 12' & 14' cultipackers	$500 to $ 900
Brillion 16' transport packer	$ 1,200
Dunham 34' wing disc	$ 4,800
10' transport disc	$ 1,000
18.4x38 snap on duals	$ 800
MF 18.4x38 & 20.8x38 axle duals	$ 800
IH & MF front end weights	$ 35

Financing Available

L & M BURKHOLDER
Between Brownstown & Rothsville
Ephrata, PA
717-859-2960 717-859-2712

FOR SALE: JD tractor 4250 ROPS quad range 350 hrs. Original owner, $29,000/offer. (717)966-3795.

FOR SALE: MF 124 baler w/super sweep, engine and starter on springs and steel wheels or on rubber and PTO; 7' harrow roller $95, Steel tractor wheels, 18"Wx58"H 30" center opening. Moses Lapp, RT 2, Box 277, Myerstown, PA 17067.

FOR SALE: Little Giant 10' corn drag; AC, 2300 11' disc, JD 494A corn planter, SS Hog feeders. Call 215-588-7986.

Ford 3000 gas w/Ford quick tach loader, very nice. $6,800. (301)432-8836.

Ford 3400 Dsl. with loader, excellent condition, no hitch, $3,750. Taneytown Farm Equipment 301/775-0266.

Ford 3910 diesel, big tires, remote hydraulic, syncro column shift, 1,680 hrs., extra clean. Call for price. 717-949-3074 or 703-879-9926

Ford 6000D tractor, needs transmission work, $1,500. Case SC, $350. Oliver HG Crawler, $800. Saxonburg, PA 412/352-1081.

Ford 6610 DP weights, low hours, exc.; NH 472 haybine, exc. EVES 717-386-5449.

Ford 8N, new pistons, rings, sleeves, valve train, bearings, tires, paint. $2,500. 814/926-4923.

For most any grain or corn header, or self propelled choppers. Call Larry Stalter, "The Combine Man" 1-800-248-2151

For Sale: 14' BWF John Deere Disc, $1,000. New Holland 56 Hay Rake. All rubber teeth, $875. 717/653-5244.

Fox 6200 self-propelled Harvester, cab, hydrostatic 3RN corn head, 1900 hours Lebanon County (717)949-6850.

Freind 4 cylinder piston pump sprayer, 500 gallon wood tank. (609)799-6391

Frontend loader for Ford tractor, complete w/pump and valve. $600. Taneytown Farm Equipment 301/775-0266.

GENERAC PTO alternators, Diesel or LP gas generators, also incinerators & pressure washers. Best prices anywhere! DUNHAM Equipment 1-800-231-8277

IHC 574 diesel, hydro, 2,000 hrs., ROPS, 1 of a kind, $3,000. 301-833-9091

IHC-656 Tractor; 456 Corn Planter, dry fertilizer, insecticide hoppers; MF-15 Disc Grain Drill, 12' Disc; Ford 14' Field Cultivator; Athens 7 Shank Chisel Plow; Double Spinner, fertilizer spreader; 275/Bu. Moridge Grain Dryer; 225/Bu. Dump Trailer, field ready. Northumberland Co. 717/648-2090.

Int. 544 utility tractor, 3100 orig. hours, $3,850. Taneytown Farm Equipment 301/775-0266.

Hassia artichoke harvester, excellent condition. (717)532-2044.

Hesston #10W stack mover, like new, $475/OBO. 717-949-3074 or 703-879-9926

HIGH TORQUE DIESEL STARTERS with 3 yr. warranty for most domestic tractors and select imports. With 6 month no risk money back guarantee Call Gary D. Sneath at 1-800-622-7892

Horsts wagon gears w/ honest ton rating and no sway trailing, heavy duty Custom made wooden conveyors and taperboard feeders RISSLER CONVEYORS, 1275 Indiantown Road, Stevens, PA 17578 (215)267-2244

Hustler 295 Commercial Lawn Mower, 60" cut with Bac Vac, runs good $1,800. 301/592-3868

IH 1466 fender, runs well, $4,000. 301-833-9091

IH 1586, CAH, twin shaft, $6,000. 301-833-9091

IH 2500 (574) gas tractor with loader, rebuilt engine, real sharp unit Reduced to $5,750, Ford 4000 Gas tractor, $3,350; Oliver 1650 gas, $3,000; IH 706 Gas, WFE, $4,400; IH #40 stalk chopper, $1,500. 717/437-2604.

IH 560 diesel, WF, 3 pt. hitch, rebuilt engine, $3,000. 301-833-2311

IH-574 gas w/Dunham Loader, $5,800; JD 300 husker w/3RN head, $5,700. Shippensburg 717/423-6188.

IH 70 Hydro gas, like new, 3200 hours, good rubber, $6,750. 717/458-5880.

Int 555 manure spreader, slop gate, hydraulic drive, 180 bu., $1,000 301/898-7426.

Int. 5x16" Auto. Reset Plow, very nice; Ford 861 w/PS, new tires, full weights and hydraulics, $3,000; JD 494 Corn Planter, 4 row, $110. 215/562-4464.

Int. 990 haybine, 7', $1150. Wide track bale wagon, $550. 5' pulltype rotary mower, $450. 8' Brillion cultipacker (215)562-4464.

International 66 series cab, complete w/air, good condition, $1100 Neg. 717-872-9152 7AM to 6PM; 717-872-7152, 717-872-2579 after 6PM.

Int. Model 2200 Loader, like new, $1,950 Taneytown Farm Equipment 301/775-0266.

JD 1010 PS, LPTO, 3 pt $1550; Brillion 10' cultimulcher, nice $2200; JD KBA discs, wheel 8', pull 10' $650 to $750; IH 560 parts tractor $1000; JD 3 pt 801 hitch $400. 717-653-5733.

JD 1020 gas, like new, $4,500. 301-833-9091

JD 1650, 4x4 tractor, approx. 1000 hours, very good condition. 215-926-2441.

JD 18' tandem disc, fold to 13' w/hydraulic carriage. 717/532-2044.

JD 20' field cultivator, 4' hydraulic folding wings. (717)532-2044.

JD 2350 4x4, excellent, $13,500. 301-833-9091

JD 2510 diesel, power shift, excellent rubber, fresh overhaul, $4,500 301-833-9091

JD 2510, power shift, diesel, rebuilt engine, $4,000. 301-833-9091

JD 2750, ROPS, outlets, looks like new, $11,500. 301-833-9091

JD 2950, '88, like new, 2WD, hi-low shuttle shift, 317 hours, $23,000 or make offer. 301/777-7483.

JD-330 #330028, excellent condition; JD-430-U; JD-420-7 w/LPTO $1400; 60LP wide front, LPTO, PS, 3PT, $2500; 70D std. $2250; 7200, std. 24V $3750; 820 PTO, foot throttle $3750; 83024V $4000. 615-728-2894; 615-596-2561.

JD 4010 diesel WF dual outlets, 34" rubber, extra clean, $4,900. (301)432-8836.

JD 4230, CAH, front weights, QR, 2 remotes, top link, 18.4x38 tires Reason for sale. bought 4430. $11,500; Woods bale buster $75, 275 gal fuel tank w/pump $125 717-534-1253.

JD 4240 CAH quad range, factory duals, very good condition. $24,000. (301)867-1888.

JD 4320 fender tractor, excellent condition, new paint, $10,500. Ballston Spa, NY. After 6pm, (518)584-8202.

JD 4320, nice condition, $7,900. Taneytown Farm Equipment 301/775-0266

JD 4430 tractor cab, power shift, 4WD. Vicon CP321, 12' center pivot disc mower/condition (302)239-7973.

JD 4630, cab, heater, AC, AM-FM radio, 3700 hrs., just overhauled, 50% rubber 18.4x38 717/532-2044.

JD 4630, cab and air, power shift, 150 HP, very nice, $15,500 301/898-7426.

JD 620 gas, P/S, 3pt., nice tin, front weights, $3,200. JD 16-A, flail chopper. Steel wheels f/JD 2640, 2750, 2755 tractor or trade. Lancaster County (717)367-2116.

JD 712 Mulch Tiller, 12', used one season. 20HP 3 phase motor, good condition. 717/745-3159

JD 8' mechanical tandem disc. 717/532-2044.

JD 9' tandem disc w/ hydraulic carriage 717/532-2044

JD A90 space heater, excellent $225. Pair Firestone 11Lx16 8PRI1 tires, very good, $80. Pair Good year 5.90X15 4PRI3 tires, good, $40. Northampton County (215)863-6308 after 6pm

JD motor, type 4276DFO1, 4 cylinder turbo, fits 450E, 550, and 555 crawlers Complete power unit, low hours, $2,750 Bucks County. (215)297-8354

John Deere 443 4-30" row corn shelling head $4,100 717/275-0845

Krause 30' field cultivator, spring shanks, 5 bar heavy duty spike buster bar, tandems all the way across (it will hold depth on chisel plowed) $9,850; Hardy TR 500 gallon sprayer, tandem axle, 35' boom, big pump, $3,950. Middleburg, Pa 717-837-0724

KUBOTA L2250 4x4, low hrs. w/QT loader, $8,500 301-833-9091

Little Giant 38' corn and hay elevator; Little Giant drag elevator; Fertilizer Spin Spreader, 1000 lb. capacity. Call after 6PM 717/275-2509

LOADER ATTACHMENTS NEW & USED for any make tractor 301-833-9091

LOADERS
IHC 1000 fits Super A thru 140; also Cub Lowboy, Ford fits 8N, 9N, Jubilee, 600; Ford fits 600 thru 2000. T.J. Wheary & Sons, (717)687-0102

LOADER TRACTOR IH 2500A, gas (574) w/2050 loader, runs well, $4,000 301-833-9091

Massey Ferguson 124 baler with engine or without Christ K Lapp, 250A Centerville Rd., Gordonville, PA 17529.

MF 1155, CAH, 1 owner, 2,400 hrs., excellent, $6,500. 301-833-9091

MF 260 harvester w/2-row cornhead and pick-up head, good condition, $2,000 Stump Acres 717/792-3216 York Co

CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164

PHONE HOURS:
Mon., Tues.,
Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section C. Deadline- Thursday morning at 9 of each week's publication

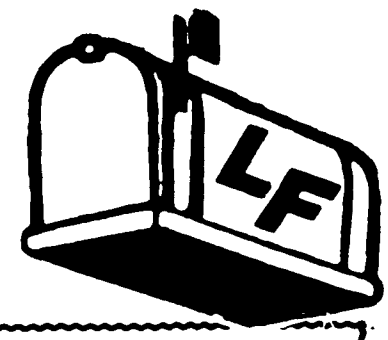
1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies

The following categories are available in your classified advertising. In Section B. Deadline- Wednesday afternoon at 5 of each week's publication.

5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION



NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

Name _____

Address _____

City _____ State

Zip _____ Phone ( )

Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

CLASSIFIED ADVERTISING RATES

34¢ per word per week - 1 or 2 times
28¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.74	7.48	9.24
12	4.08	8.16	10.08
13	4.42	8.84	10.92
14	4.76	9.52	11.79
15	5.10	10.20	12.60
16	5.44	10.88	13.44
17	5.78	11.56	14.28
18	6.12	12.24	15.12
19	6.46	12.92	15.96
20	6.80	13.60	16.80

1	2	3	4	5
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36	37	38	39	40

(Phone Numbers Count As One Word)

(2) JD 820, one with cab; MF 65, new motor, new rubber, Styled Model D w/ turning brakes; Unstyled AR 717/222-4432

20" Earth metal disc blades, 1/4" thick, 1 1/2" center hole, $5.00 each, good borrow fillers. 717-426-4020.

USED TRACTORS

"Will buy or trade tractors"

JD 4250, MFWD, 4 post, PS, 120 HP	$23,500
JD 2750 M4WD, 80 hp SGB	$21,800
JD 4430 QR trans., SGB, 125 HP	$13,800
JD 2940, MFWD, hi/lo, 2 hyd.	$13,500
JD 2550 diesel ind. PTO, nice, 65 HP	$12,500
JD 4230 QR, cab, air, new tires	$11,600
JD 2640, 1982, 2 hydra roll bar & roof	$10,500
JD 2840 low hrs, 38" rubber, 1979, 85 HP	$9,500
JD 2840, late model, nice clean tractor.	$9,300
JD 2640 hi/lo 2 hyd. ind. PTO, 70 HP	$9,200
JD 2440 new paint, 60 hp, 1982,ind. PTO	$8,900
JD 2240 diesel 1982, new paint, 50 HP.	$8,800
JD 2640, hi/lo, new tires, ind. PTO	$8,600
JD 4230, SR Trans., new motor and paint	$7,800
JD 2640, dual hyd., ind. dual PTO	$7,800
Case 970 w/cab, PS, 93 HP	$7,500
Case 1835B Uniloader, 1210 original hrs.	$7,200
JD 2030, Diesel, HI/Lo, New Motor	$6,300
JD 4010 WF, 2 hydro., new paint	$6,000
JD 2030 diesel, 3 pt., remote hyd, nice.	$5,900
JD 4020, WF, cab, 2 hyd, gas, overhauled	$5,800
JD 2020 overhauled, painted, hi/lo, 55 hp	$5,700
JD 4010 diesel, NF, original, 90 HP	$5,500
JD 2510 diesel, WF, nice, 55 HP	$5,500
JD 1520 Gas w/Cutter Bar Mower	$4,800
Case 1830 uni-loader, hydro	$4,800
JD 1020 diesel, new tank, nice	$4,700
JD 2020 gas, recently overhauled	$4,200
JD 3020 gas NF S/R trans	$3,800
28' Little Giant elevator w/motor	$1,150
JD 3¼ ", axle duals 18x4x38	$800
Roll over protected cab for JD 4020	$700
2 used hay rack wagons	$500 ea.
Loader To Fit JD 430 w/Valve	$500
JD green roof roll bar for utility tractor	$325
5 ton newer 505 Grove wagon gear w/tires	$300
JD PTO Belt Pulley For 4020	$250
IH front end hang-on wts.	$45

Zimmerman Elevators, Hay Tedders
Wagon Gears & Forage Wagons
Farmco Metal Feeder Wagons, Bale Bodies & Country Boy Gravity Bins
JD Front & Rear Weights

Reiff Farm Service
275 Goodhart Road, Shippensburg, PA 17257
Interstate 81 Exit 10
717-532-8601 Can Finance

LOADER TRACTOR FORD 420 w/torque converter, 3 pt. & no PTO, 1,100 hrs., excellent, $4,000. 301-833-9091

MANURE SPREADERS Farmall Cub #10, 50 bu., 3 to choose from; (2) NI 12A and #14A, 2 wheel; NI #10A, 4 wheel. All spreaders are ground drive. (717)687-0102.

Massey Ferguson 65 Diesel, 3pt. hitch, power steering, excellent condition, new brakes, new hydraulic. $3,750 Firm. 717/469-7351

1650 Oliver gas tricycle, good shape. (717)865-4932.

16' Taylorway Disc, manual fold wings, $2,900; 3 pt. hitch Ferguson rake, $75; (4) white spoke rims w/11.15LT tires, fits a Dodge pickup, $200; (1) new pair of tire chains, 62" long 14" wide, 12 cross bars, $15. 717/898-7311..

1700 Mustang skid loader, fair condition, complete engine overhaul, Wisconsin motor on steel, $2,300. Cumberlandco. (717)532-3984

Badger | John Deere | Woods

USED EQUIPMENT

TRACTORS

JD 4240 w/4 post
JD 2940 w/JD 148 loader
JD 2630 w/145 loader
JD 1520 utility
JD 830 utility
JD M w/snow plow
JD B cyclone
JD 4230 w/cab
JD 650 2WD w/mower
Ford 550 loader backhoe
MF 1085
MF 180
JD 420 tricycle

MISC EQUIPMENT

Badger 3 pth snow blower
NH 683 tank spreader
NH 892 spreader
NH 676 spreader
Oliver 546, 6 bottom plow
White 598 5 bottom spring trip plow
JD 4200 3 bottom, 2-way plow
AC 10' chisel plow
Athens 6' 3 pt. disk
NH 683 tank spreader
1973 Chevy stake truck, 21' body

Super Special
Badger BN 3210 Spreader
$3,995.00

Pikeville Equip. Inc.
R.D. #2, Oley, PA
Phone (215) 987-6277

18.4-34 tire chains, new, $275. (2) 18.4-38 tires, one on IH rim, $250. Year-round cab for IH 66 series, $150. 301/371-5964.

1946 JD Model "B" tractor. JD plow to go with it. Also a hire and disc. $2,000. 717/624-7071.

1974 IH diesel 10 wheel dump truck, farm ready, good condition $4999. 215-358-5914.

1410 12' Hesston hydro swing mower, good condition $2100; 4 bottom 16" Oliver 465 semi-mount plow $1250. 717-529-2294.

1983 Grand Wagoneer Limited Edition, 4x4, high milage, NO cancer, excellent condition $3500 Firm. 215-358-5914.

1985 JD 6620 sidehill Titan II combine fully equipped w/215 flex grain and 643 corn heads. Combine and heads excellent condition. Ready for field. (301)374-9708.

1986 International 244 Diesel 4x4 Tractor, 200 hrs., excellent condition with Kwikway Loader and Woods 51" Rototiller. 717/538-1988.

1986 MF tractor 3505, new condition, cab w/air 760 hours. NI 555 baler w/ thrower, very good condition. (717)436-6094 after 5pm.

1987 NH L785 skid loader, excellent condition, new tires, low hours, asking $12,900. (717)656-4808

#1 VEGETABLE CROP MACHINERY CATALOG from tillage to harvest. Rototillers, Bed Shapers, Plastic Mulch Layers--All types from $465, Tunnel Layers, Transplanters--all kinds, Mulch Lifters, Precision Seeders, Pumpkin Planter, Strawberry Mulchers, Cultivators by Multivator, Lilliston, Buddingh, Bezzerides and more, 3pth forklifts from $165, Fertilizer Attachments from $245, WASHLINES, Graders, Potato Diggers from $1,595, Harvest Aid Belts from $895, PIXALL Corn & Bean Harvesters, Used 6' High Clearance Tractors from $1,800. All major brands to choose from Best Buys. Shipped Direct Catalog $3.00 Market Farm Implement, RR2, Box 206, Friedens, PA 15541.

306 Deutz 32 H.P., 1200 original hours, $5500; 424 Owatonna grinder mixer. Both excellent condition and used in my operation 717-733-7069.

3200 Gal. liquid manure spreader, Harvestore, nice, $6,500 301/898-7426.

3200 Gal. liquid manure spreader, Harvestore, nice, $6,500 301/898-7426.

371N Detroit power unit, rebuilt 371 Detroit power unit, used. 471N Detroit power unit, rebuilt. 471N Detroit engine rebuilt 8V71T Detroit engine good used. 6V92, 8V92, 12V71N engines power units available. 53-71-92 series engines to meet your need (717)733-3890

38' N-Teck manure agitator, 120' of 30" pipe, 1/4" wall. (814)395-3633.

40 HP JD 2040 diesel, absolute mint condition, 850 original hours, excellent rubber, metal and paint, 3PT rolled guard and canopy, front bumper, $12,500 717-624-2896 after 5PM.

Best Buys in Used Equipment

TRACTORS:
IH Farmall "C"
IH 460 Gas
IH 460 Diesel Tricycle - Nice Shape!
Int. F12 w/Cult., $450
Int. 140 Fast Hitch w/Plow, Cultivator & Corn Planter
Int. 154 Low Boy
Cub Lo-Boy w/Mott Mower
Cub w/60" Deck
Farmall Cub w/Gang Mower
David Brown 990 - Fair Cond.
Cub Equipment - Plow, Cult., Disc, Etc.
Ford 9N
Ford 8N
Ford 2110 Gas Low Boy w/Big Turf Tires
John Deere 3010 Gas, Tricycle
Case 1175 w/Cab
Case 1490, Power Shift, Low Hrs., Nice Cond.
IH 414 Gas w/2000 Loader
IH 574 Diesel Utility, Nice Shape
Ford 2110 Gas w/Ford Loader
Ford 3000 Gas w/Ford Loader
Ericson Skid Loader, Huskey Model w/4 Cyl. Wisc. Engine - ~~$2,500~~ - $1,800!
JD 90 Skid Loader
Case 1816 Uni-Loader, Onan Engine
IH 574 Diesel w/2050 Loader
Oliver 1800 Diesel, Wide Front, Nice Shape

HAY & FORAGE:
550 IH Chopper (Parts)
Int. No. 8 Flail Chopper
NH 469 Haybine - Working Condition
NH 477 7 Ft. Mower Conditioner, Nice Condition
IH Direct Cut Head For 15 or 16 Chopper
IH 5000 D 12 Ft. Windrower, Nice Shape
IH 5000 D 12 Ft. Windrower, Mechanic's Special - Coming In!
JD 716 For. Wagon, No Roof, w/JD Running Gear

MISCELLANEOUS:
1970 Ford 350 Dump Truck w/Meyers Plow and Sa[SOLD]der, $1,500!
Freeman Loader for IH 424
Martin 3300 Gal. Liquid Tanker w/Injector
John Blue 400 Gal. SS Pull-Type Sprayer
John Blue Model 700 500-Gal. Sprayer - New!!
NH 302 Liquid, Side Discharge Spreader, Single Axle, Nice Shape - $3,900
FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New - $5,800!
Valk Snow Pl[SOLD]Hyd. Angle For Scout Truck- $[SOLD]
40x50 Quanset Hut Building, New - Never Erected, $6,500!

COMBINES:
IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft. Platform, $1,500!
IH 844 Cornhead - $2,500
MF 1144 4-Row Wide CH, Ex. Cond.- $4,250
744 Wide Cornhead for 715, Ex. Cond.
MF 510 Diesel, AC Cab, Transm. Rebuilt, Real Nice Cond.

COMBINES & EQUIP. FOR PARTS:
(2) IH 315's
IH 300, Power Steering, Burnt
IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cyclo- Parts or Field Use
IH 455 & 658 Planters
IH 430 Baler

PLANTERS:
AC 600 6-Row Narrow Air Planter, No Til, Ex. Cond.
IH FH 4-Row Cultivator

TILLAGE:
IH 37, 35 In Various Sizes
IH 78 Front Mtd. 4-Row Cultivator w/Quick Attach, For IH 66 Series
IH 710 4-Bottom Semi-Mtd. Auto Reset Plow
1-Bot. Trailing Plow
White 598 4/5-Bottom Vari-Width Plow, Auto Reset (Case IH Bottoms)
Krause 2404 Disk Harrow, 40 Blades, 22", Ex. Shape - Coming In

OUTDOOR POWER EQUIP.-
Good Selection Of Used Lawn & Garden Tractors— All Makes And Models
1987 Cub Cadet, Model 1872 18HP, w/50" Deck
1987 Cub Cadet, Model 2072 20HP, w/50" Deck, Rental Unit
Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 482
Woods 210 Offset Mower
Worthington 3 Gang Pull Type Golf Course Mower- Ex. Cond.
Toro 7 Gang Pull-Type Golf Course Mower
(2) National 3-Gang Triplex, 1987 Model, 68" Cut- Were $2,000 - Now $1,800 Ea.
National 3-Gang Triplex, Late Model, 84" Cut- $3,500
JD 272, 3 Pt. Hitch, 6 Ft. Finish Mower
Wheel Horse D200 Hydrostatic Drive w/3 Pt. Hitch, 5 Ft. Mower
Grasshopper 1822, Low Hrs., Like New!
Good Selection of Used Cub Cadets In Stock

1991 OPEN HOUSE Jan. 28 - Feb. 2
See Pages C-32 and C-33 For Details!

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New Berlinville, PA
One Mile North of Boyertown
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FAX: 215-367-6715

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Ford Credit

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New From Ford
4830 Low Profile
62 H.P. In Stock Now

FEATURES: 4 Cylinder Engine
4 WD
Low Profile Design
14.5 GPM Flo Hydraulics
Bigger Fuel Tank
Category I Or II 3 Pt. Hitch
New Deluxe Seat
New Hydrostatic Steering
850 C.C.A. Battery Standard

NEW FORD TRACTORS

Ford 1520, 4WD
Ford 1720, 4WD
Ford 1920, 4WD
Ford 3230
Ford 3930, 4WD w/Shuttle Trans.
Ford 4610, Low Profile, 62 H.P.
Ford 5610 Special
Ford 6610, Low Profile
Ford 7810 Fender Tractor
Ford [SOLD] cab & 2 [SOLD]D
Ford 8630, 2WD, Powershift
Ford 555C TLB w/Cab
Ford 555C TLB, 4WD w/Extend-a-hoe
Ford 555C, TLB, 4WD w/800 Hrs.
Versatile 276 w/Loader

NH EQUIP.

NH 48[SOLD]bine
NH 499 Haybine
NH 308 Side Distributor Spreader
NH 520 Manure Spreader
NH 680 Manure Spreader
NH 553 Baler
NH 565 Baler w/Thrower
NH 570 Baler w/Thrower
NH 630 Baler
NH 848 Baler
NH 144 Windrow Inverter
NH 254 Tedder Rake
NH 900 Chopper
NH 790 Chopper

Ford Lawn & Garden

LT10 w/38" Deck
LT12 w/38" Deck
YT18 w/48" Deck
LGT18H w/48" Deck
LGT14D w/48" Deck

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420 JD Dozer, good condition. 814/635-2139.

4240 JD Tractor, new paint, quad range, dual outlets, 4 post roll guard. 717/922-3340.

475 Case IH 13' 5" Cushion Gang Disc Harrow, 1 yr. old, excellent condition. 717/898-2088.

4 and 5 bottom semi mount 16" plow. 301-833-1847.

800 gallon vacuum tank spreader, excellent condition, must sell. (215)536-8674 after 6p.m.

'81 IH 1420, electric header control, 2,200 hrs., 4WD, kept inside. Quitting Farming. $23,900. Trade & Finance. Larry Stalter "The Combine Man". 1-800-248-2151

'81 MF 850, 4WD, 1,800 hrs., very good, $24,900.; '81 MF 850, 1,800 hrs., very good, $22,900. Larry Stalter "The Combine Man". 1-800-248-2151

820 Hubler feed cart, 1 yr. old, excellent condition. 717-524-9440.

88 Oliver diesel, power steering and hydraulic hillside hitch, good condition, $1350; 29-3/4x5" center rib innerflex front tractor steel wheels $75 for pair; tractor chains, $75/set. 717-534-1253.

8N Ford overhauled and painted; 9N Ford; JD 50 and 60 tractors for parts; JD AW wheel disk new blades and repainted, 10'; JD 12' cultipacker. (717)786-3087.

AC 6080 diesel weights, 90% rubber, low hours, $8,250. (301)432-8836.

Allis Chalmer WD, 35 HP, belt pully new paint, $1,000. 301/898-7426,

BACKHOE ATTACHMENT WOODS 3 pt., 10' depth, $2,800. 301-833-9091

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Hough 70, straight frame machine with Cummins Diesel.
BALANDA EQUIPMENT
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(2) 2-150 White tractors, 1 w/few parts missing. Sell both for $7500. 717-867-4896.

(2) IH 120 Forage Wagons, 16', tandem axle, good condition. 717/922-3340.

(2) JD 820, one with cab; JD 830; MF 65, new motor, new rubber; Styled Model D w/turning brakes; Unstyled AR. 717/222-4432

BACKHOE CASE 580B, extra nice, $6,500. 301-833-9091

BACKHOE CASE 580E, 4x4, $15,000. 301-833-9091

BACKHOE CAT 416, E-hoe, 4x4 w/cab, $22,500. 301-833-9091

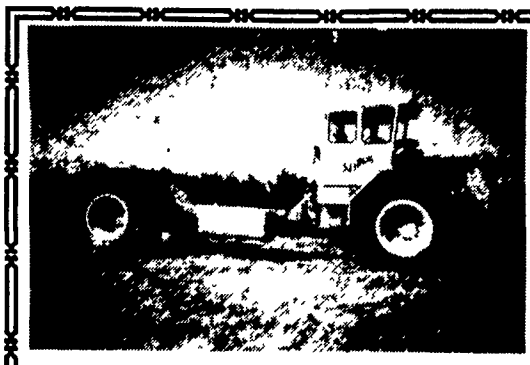
BACKHOE JD 310A w/E-hoe, nice condition, $8,250. 301-833-9091

BACKHOE/TRENCHER CASE D4H-B 1983 w/ diesel, low hrs., runs well, $4,500. 301-833-9091

BATWING MOWER RHINO 15', $4,500. 301-833-9091

Baker forklift, gas, 5,000#, pneumatic tires, $2,500. (301)867-1888.

Blackwelder tomato harvester, '69 model T-68, w/36" blade pickup. (717)532-2044.



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J.D. #1650 4WD: 1100 Hrs.
KUBOTA #4030 4WD: 1500 Hrs.
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TRACTORS

JD 4040, 90 h.p., QR, very good
JD 2150, 1,100 hrs., excellent
JD 4020, side console, good
JD 4440, SGA, PS, 1,978 hrs., excellent
JD 2840, 80 h.p., excellent condition
JD 2440, 60 h.p., hi-low, 2,100 hrs, very good
JD 2155 w/rev. trans., 300 hrs., 175 loader, #10 backhoe, like new
JD 575 skid loader, 200 hrs., demo special
(2) JD 1010, WFE, very good
JD 2010, WF, Good
JD 3010, dsl, NF
JD 755, hydro, 60", MFWD, 100 hrs.
JD 755, hydro, MFWD, loader, 120 hrs, like new
JD 850, MFWD, 400 hrs., like new
Case 2390, cab, 1,300 hrs., excellent
IH 1066, cab, very good
IH 856, 100 h.p, cab, 20.8x38 tires, excellent
Farmall H w Blade, Good

COMBINES

Interest Free Financing
On All Used Combines Till
December 1, 1991

'79 JD 4400 diesel, rotary screen, ex. condition
'82 JD 4420 combine, 1,250 hrs, 23 1 tires, dial-a-matic, excellent condition
'83 JD 4420 combine, good condition
'79 JD 6620 side hill, 2,500 hrs., excellent condition
JD 6600 Level Land, diesel, hydro, good, $16,000
Oliver 525 w/corn head & platform, cab, very good, $4,500
MF 510, cab, dsl., platform, $3,500
NH 1400 combine w/13' platform & 3RN head, 1,740 hrs., excellent condition, $10,500
NH 975 w/platform, cab, $2,500
AC L combine w/4RW corn head & platform, $10,000
MF 63C corn head, very good
MF 44 corn head, $1,500
(2) MF 43 corn heads, $2,500 each
JD 444 corn head
JD 443 corn head, Low profile, exec.

MISC.

JD 1219 mower conditioner, like new
JD 237 picker, excellent, $500
JD 2450 5 btm. 18" plow, on land, very good
JD 3960 forage harvester w/pickup, 2 RW corn head, good condition
NH 310 baler w/70 thrower, excellent
NI 324 2 row picker, 12 roll, very good
JD 1207 mower conditioner, good
(4) JD, NH, NI mower conditioners
12' Dunham Lehr, very good, $4,500
JD 175 loader, excellent
JD 240 loader, self leveling, good
Case IH 5100 Grain Drill, 24x6, soybean special w grass seed, very nice

NEW COMBINES-IN STOCK

JD 4435 hydro
JD 9400 maximizer
JD 9500 maximizer

NEW TRACTORS IN STOCK

45 h.p. 2155
55 h.p. 2355
85 h.p. 2955, 4 post, RG
95 h.p. 3155, SGB MFWD
120 h.p. 4255, SGB PS- demo special
143 h.p. 4755, SGB MFWD
Special Financing Rates Free Till 3-1-91

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NEW EQUIPMENT

WHITE-
598 5/6 Bot. Plow
5100 4-Row Planter w/Dry Fert.
American Series 60, 4WD, Green
Workhorse 125 Tractor w/Cab
No. 445 Conservation Chisel Plow

GEHL-
HT 243 Tedder
HT 242 Tedder
FB 1540 Blower
FB 1560 Blower
FB 1580 Blower
MC 2170 Mower Cond.
BU 970 Forage Box, 16 Ft.
CB 1060 Forage Harvester
MS 315 Spreader
RR 262 Rotary Rake
F 7190 Feeder Wagon

BRILLION-
Deep-Til Implement
14 Ft. Spring Tooth Harrow
12 Ft. Pulverizer

NEW IDEA

FARM EQUIPMENT

NEW IDEA-
3618 Spreader
3622 Spreader
3632 Spreader
406 Hydraulic Rake
484 Round Baler
5209 Disc Mower Cond.

USED EQUIPMENT

NI 323 1-Row Cornpicker
NI 243 Spreader
Allis 185 Diesel Tractor
Oliver 1800 Gas
Grove Forage Box 14 Ft. w/Roof
Kuhn FA372 3 Pt. Hitch Sickle Bar
White 256 Disk Harrow
Int. 550 Manure Spreader

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SAVE UP TO 50% ON SEED

NEW FEATURES:
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• Nylon Lined Meters
• New Drive System
• Heavier Frame
• Optional Track Removers

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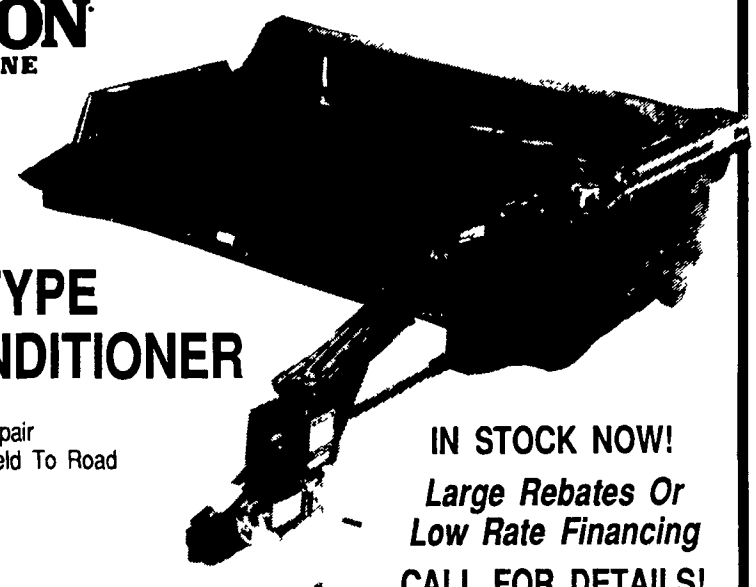

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• Bolt-Eze Sickle For Easy Repair
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• Improved Flotation System
• Variable Reel Speed
• Easy Adjust Belt Tension
• Easy Roll Gap Adjustment

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• Gehl 315 Tandem Scavenger Spreader- Very Good
• Hedlund Martin 1678 Scavenger Spreader
• Starline 3200 Gal. Tank Spreader
• New Idea 243 250 Bu. Spreader w/Hyd. Gate
• New Idea 213-215 176 Bu. Triple Beater Spreader
• New Idea 213-217 176 Bu. Double Beater Spreader
• New Idea 244 320 Bu. Tandem Spreader
• Gehl 3510 27HP Skid Loader- Less 600 Hrs.
• John Deere 575 31HP Diesel Skid Loader- 2 Buckets
• Gehl 2100 25HP Skid Loader 2 Buckets
• Pequea 6 Ton Running Gear
• McCurdy Gravity Bin w/Running Gear
• Wic 8HP Bedding Chopper
• Wic 7HP Bedding Chopper- Rebuilt Engine
• Century 500 Gal. 30 Ft. Boom Field Sprayer

Forage, Hay & Planting Equipment:
• New Holland 256 Bar Rake- New Paint
• Hesston 6610 Diesel 14 Ft SP Windrower Cab & Air
• Hesston 1150 12 Ft. Pull Type Windrower- Nice
• Hesston 1091 9 Ft. Pull Type Windrow
• New Holland 489 9 Ft. Haybine
• John Deere 7000 4R Planter w/3 Row Splitter Bean Rows
• Gehl 920 3 Beater Forage Wagon
• Gehl 920 3 Beater Forage Wagon- Tandem Gear
• Gehl FB99 Forage Blower- Completely Rebuilt- Sharp
• IH 105 3 Beater Forage Wagon- 10 Ton Gear
• Dion 3 Beater Forage Wagon
• Gehl CB800 1000 RPM Harvester w/Heads Sharp New Knives

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Brady 12' flail mower; Brady 22' field cultivator w/ rakes 301-778-0935 after 6PM

DISC JD #230, hydraulic fold, 19', excellent, $3,500/Offer 301-833-9091

Brand new Lockwood Self-unloading potato boxes. New FMC row crop sprayer. 1970 White tandem truck, 250-eng., 10-spd. and 4-way. Ballog Farms 814/694-2677, 814/694-2407.

Brillion 13½' packer, excellent condition, $900; (2) Dunham 6' pup packers $300/ea 717-426-2659.

Brillion 18' hydraulic wing fold Danish S tines transport harrow, very good condition, $1450 OBO. Call after 8PM 215-967-1821.

Bush Hog 8' offset disc w/ solid bar frame, excellent condition, $1,850. 717-949-3074 or 703-879-9926

CASE 2590, CAH, dual 20.8, really nice, $10,000. 301-833-9091

Case 2090, cab, heater, AC, AM-FM radio, 2076 hours, 90% rubber, 18.4x38's. 717/532-2044.

Case 300 w/hydraulic loader, 30 HP, NF, live PTO, $1,000 301/898-7426.

Case-350 Dsl. Crawler Loader, ROPS, new bottom, runs, operates well, $8,500. After 5PM 717/647-9124.

Case 611-B 44hp gas tractor, WFE, power steering, 3pth and live PTO, $2,200 OBO. (301)357-8031.

Case IH 1660 combine, 4WD w/1063 corn head, 900 hours. 914-876-3715.

Case IH 800 early riser corn planter. 6 R/N w/ hydraulic row markers, L/fert. and monitor. (703)234-8660.

CRAWLER LOADER JD 350, good condition w/ excellent UC, $6,250 301-833-9091

CRAWLER LOADER 1980 Komatsu D53S-16 good undercarriage w/salt track, GT bucket w/teeth, counter weights, new engine cylinder head, unit in very good condition, ready for work, $15,500. Balanda Equipment Co. Palm, PA 18070 1(800)322-8030

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Maryland 301-465-6850

BACKHOES
- Case 580B TLB, open Rops, Extend-a-hoe $6,500
- 1980 JD 690B Excavator, good condition $25,000
- 1979 AC 715B ROPS, standard hoe $6,700
- MF 40 TLB, good condition $5,700
- JD 310A ROPS, standard, clean $12,500
- 1986 Case 580E, Cab, Standard hoe $18,900
- Case 580E, 4WD, standard hoe, cab, 1300 hrs. $24,500
- Case 580K, 4WD, cab, extend-a-hoe, 980 hrs. $28,200

LOADERS/FORKLIFTS
- '87 L70 Michigan 4WD, loader, very good $12,500
- AC 545 cab, good rubber, 4WD $8,500
- Case 586B, hydro, very good, 21' mast $7,500

SKID LOADERS/ATTACHMENTS
- 2 - 1988 Bobcat 743, diesel, 1000 hrs., new tires $8,250/each
- 443 Bobcat, diesel engine $5,000
- Bobcat 909, backhoe, very good $4,500
- Case D-100 backhoe $3,500
- 3 - Bobcat breakers ..... Call For Price
- Allied 725 Breaker for Case 580's $8,500

CRAWLERS
- JD 450B crawler loader, rebuilt GP bucket, ROPS $10,500
- 1984 850C Case, 6 way dozer, excellent $22,700
- MF 200 crawler loader, diesel engine. $5,500

75 Plus Backhoe & Loader Buckets
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- (2) LS 400M Sprayers, 28' Booms
- (2) LS 630M Sprayers
- (1) LS 1910T Sprayer
- (1) LS 3010 Sprayer w/45 Ft. Hyd. Fold Boom
- (10) Seeder/Spreaders
- (1) 9-Wheel Rakes
- (1) CM 240 Disc Mower

MISCELLANEOUS
- (1) Pull Type Spin Spreader, 3600 Lbs.
- Pequea 9x18 Bale Throw Racks
- Land Pride 120" Rotary Cutter
- Befco 70" Flail Mower
- Special - Befco 72" Finishing Mowers
- Post Driver, 3 Point

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- (1) MF 231 Tractor
- (1) MF 240 Tractor
- (1) MF 253 Tractor w/Loader
- (1) MF 375-2 Tractor
- (2) MF 1020 Hydro w/Loaders
- (1) MF 1030 Tractor
- (2) MF 1035 Tractors
- (1) MF 1045, 2WD w/Loader
- (1) MF 822 Round Baler
- (1) MF 828 Round Baler
- (1) 10 Ft. Rotary Cutter
- (1) 15 Ft. Rotary Cutter
- (2) MF 3 Pt. Disc Harrows

Vermeer
- (1) 147 Grain Drill - New
- (2) Bale Wrappers
- (2) R23 Twin Rakes
- (1) 504 IS Baler

USED BALERS
- (1) 605 E
- (2) 605 F
- (1) 503I Silage
- (1) 504I Baler
- (1) JD 410 Round Baler

- (2) Pull-Type Silage Bale Wrapper
- (1) Wrap-Around Wrapper

USED EQUIPMENT
- (1) International 1300 3 Pt. Mower
- (2) MF TO 30 Tractors
- (1) Woods 120" Offset Mower
- (1) IH 710 5 Bottom Plow
- (1) Txc 80' No Til Drill
- (1) KM 281 Mower Conditioner
- (1) White 5100 No Til 6 Row Corn Planter w/Delux Monitor Call For Details!

All Combines Sold—
Free Parts For One Season
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Dismantling For Parts:
- Combines
- Cultivators
- Discs
- Drill
- Harvesters
- Haybines
- Mowers
- Pickers
- Planters
- Plows
- Spreader
- Tractors

IH 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74 JD 7720, 7700, 6620, 6600, 4400, 3300, 105, 95, 55, 45, 40 MF 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66 Oliver 7600, 545, 535, 525, 430, 40, 35, 33 NI Uni, 710 Combine, Huskers, 705, 702, 701, Combine shellers & harvesters Case 1160, 960, 700, 660, 600 NH 1400, 975, 985, TR70 MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers, JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle

Financing or Lease Available

COMBINES
55 To Choose From
- JD 7700 diesel gear w/heads
- JD 6620 hydro, diesel, level land
- 1981 6620 diesel, hycro, level land w/reverse beater housing, 1200 hrs
- JD 4400 diesel w/heads
- 1979 JD 4400 diesel, choice of heads
- (3) JD 6600 diesel rotary screen w/grain head choice, $7,000 ea
- JD 4400 diesel w/grain head, $6,950
- JD 6600, diesel, hydro w/ heads
- JD 3300 diesel w/heads
- JD 3300 diesel w/grain, choice of 3R 30" or 2R 38" corn
- JD 55 sq back w/grain head & 30" 3R corn
- AC FKS dsl w/heads $7000
- AC C2 diesel w/grain 4R 38" & 4R 30"
- AC late C2 w/grain & 4R corn, $3,950
- (2) AC F-2 diesel w/heads
- 1976 AC F diesel w/4R corn & grain
- AC F diesel hydro, real nice
- AC F diesel, new motor w/ heads
- AC F diesel, choice of heads
- AC G w/grain & 6R 30" & 4R 38" head, real nice
- 1976 AC L diesel w/4R, 6R & grain
- Gleaner E 10' grain
- MF 510 w/4R 30" & grain
- (2) MF 510 diesel w/head
- MF 410 diesel quick tach w/ heads
- Massey 60 w/10' grain
- MF 750 hydro, turbo diesel w/grain, choice of 6R 30" or 4R 38"
- MF 510 diesel, hydro w/ heads
- MF 410 dsl, hydro w/heads
- MF 300 diesel, quick tach w/ heads
- MF 35 S/P w/8' grain head
- IH 91 8' grain
- IH 93 w/10' head, nice
- IH 93 w/10' grain & 2R corn, $2500
- IH 315 hydro w/grain
- IH 715 diesel, 310 German eng w/heads
- IH 715, gas, w/heads
- IH 715 hydro diesel w/heads
- Late IH 715 w/German diesel & heads
- IH 815 hydro diesel late low profile w/6 or 4 row & grain
- IH 915 low profile diesel hydro, real nice
- IH 141 w/12' grain, 2 row corn, 1 owner, nice
- IH 1460 axle flow w/6R 30" corn & 820 flex head, real nice
- IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
- IH 715 hydro diesel w/grain & corn
- IH 715 hydro diesel w/late heads
- NH TR70 Ford diesel, choice of heads
- NH TR70 Cat diesel, 4 row 30", 13' grain
- NI 708 hydro diesel w/717 combine & corn husker & 4R 30" corn head, 1 owner, 2100 hrs

TRACTORS
- Cat 933 F series crawler loader
- MM 5 Star, 3PT, PS
- Massey 33 w/loader
- Kubota B6000 E, lawn type, diesel, w/3PTH
- Case 1740 diesel skid loader, $2950
- Case SC w/loader, nice
- 1957 Ford Jubilee NAA
- Ford Major diesel, backhoe & loader, $2950
- Ford 8N, good tractor
- 1952 Ford 8N hour meter, real solid tractor
- IH 3444 ind diesel w/loader & 3PT, $5,500
- IH 856 dsl WF
- IH 826 diesel gear, W/F, $5800
- IH 806 diesel w/good TA, $3500
- Late IH 706 w/German diesel, has rear noise
- IH 4366 new motor, 3PT, 4WD, duals front & back
- IH 340 low utility WF, PS
- IH 460 diesel, $2200
- IH 450 w/power steering
- JD 2010 gas 3PT
- JD 1520 gas
- (3) JD A late models
- AC 210 diesel jumps out of high gear, $6500
- AC WD, gas
- AC HD5 crawler/loader
- AC C w/side mtd mower
- AC D17 diesel, WF & loader
- AC HD5 diesel crawler loader
- Farmall 460 gas, WF, nice
- Farmall 656 gas, NF, nice
- Farmall 450 gas, power steering
- Farmall Super MTA
- Farmall 230 w/fast hitch
- Farmall 200 w/WF fast hitch & loader, runs nice
- 1939 Farmall H, $1175
- Farmall Super MTA
- Farmall H
- (3) Farmall F14, 2 w/ mounted plow
- Oliver 1600 gas
- Oliver 770 gas, WF
- Oliver Super 88 WF
- Oliver 88 gas
- Oliver Super 66 WF
- Oliver 66 gas, nice
- Oliver 1655 diesel, W/F, $4,500
- Oliver OC3 crawler w/PTO & pulley
- Oliver crawler w/roll guard
- IH 806 diesel, WF
- IH 504, power steering, 3PT
- IH 400 Dsl. w/power steering
- C Allis w/belly mower
- Ferguson 30, 3PT, $1,950
- Steiger Wild Cat w/210 HP, Cat 4WD 3PT duals front & back
- Super C w/fast hitch

LOADERS
- AC fits D19
- AC fits D17
- (3) Fords w/hyd bucket
- Snow blades for loader or front mounted
- IH HD fits IH 350 utility
- IH fits Super M
- IH 2000 series hydraulic bucket, dirt & fork off of IH 806, $1500
- JD 46 loader
- JD 45 w/mts.
- Late Oliver White w/wide bucket
- NI w/wide bucket
- Sauder fits Ford 800 8N & 9N

SPREADERS
- NI late 243, nice
- NI 214 w/gate
- NI ground drive, nice

GOOD RUNNING MOTORS
Tractors: JD. 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 1010 IH: 1066, 966, 856, 806, 706, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M. AC: D17, D19, WD, WC, CA, C Case: 530, 300 Ford: 8N, NAA, 800, 871, 3000, 4000, 5000
Combines JD: 7720, 7700, 6620, 6600, 4420, 4400, 3300 IH 1460, 1440, 915, 815, 715, 615, 315, 205, 203 AC L, M2, F, C2, G, E MF: 760, 775, 510, 410, 300
WF Ends IH 460, 560, 706, 806, 856, 756, 1256 AC. D17 Ford 5000, 6000. MM G1000 Oliver 66, 77, 88

MOWERS/ ROTARY MOWERS
- AC trailer type belt drive
- (2) JD 6' pull type
- Ford 6' pull type
- 3 pt 6, 7 & 8'
- Also pull types
- Rotary mower
- Brillion 6' pull type
- Ford 7' 3PT
- IH 3PT belt drive
- NEW 11' rotary mowers HD up to 125 HP

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PLOWS
- IH 700 5x16 trip
- IH 700 5x16, auto reset, $2500
- IH 700 5x16, auto reset, $2450
- IH 3PT 3x16, $525
- JD 1450 5 bot 16" hillside hitch, nice
- JD 3PT 3x14, $325
- JD 3PT 3x16, $625
- JD 5x16 semi, $1350
- JD 3 bottom 16" 3PT, $450

SAFEMARK DEALER

- IH 4x14 semi, new bottoms, new paint, $750
- JD 5x16 semi, $585
- IH 700 5x16 semi, $1350
- IH 650 6x16 semi, $1200
- JD F-145 5x16 semi, $800
- AC 3x16 semi trip
- AC late moto frame 6 bottom 16", nice
- JD 4x14 semi, $675
- IH 5x16 semi 550, $675
- Oliver 6x16 on land, $1450
- JD 4x14 3PT, $425
- Oliver 3x16 pin trip, $375
- Massey 10 tooth chisel plow, $2500
- White 8 tooth chisel plow, $1950
- Brillion 10' wheel harrow, $575
- JD 12' roller harrow, $1375
- IH 12' roller harrow, used very little, $3500
- IH 315 12' roller harrow
- Case 5 bottom 18" w/on land hitch, clean

HAYBINES & RAKES
- Late NH 489 9', nice
- Late JD 1209 hyd tongue
- JD 1209 9'
- NH 469 9'
- (2) IH 225 gas, SP w/cab
- IH 990 9'
- MF rake
- JD rake

BALERS
- NH 847 round baler, 4' bale
- NH 850 round baler, $2450
- NH 852 round baler auto wrap
- NH 276 w/thrower, $3500
- JD 410 round baler 4' bales, nice
- JD 336 w/no thrower
- JD 24T w/thrower
- IH 2400 round baler, real nice, $3500
- Hesston 5600 round baler, $3975

MISC.
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- IH fast hitch mower
- JD 4R tool bar cultivator, $375
- JD 350 3PT mower
- Late JD 6 or 8R cultivator
- NH 456 pull type mower w/ crimper hitch
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- Case 3PT
- 3 pt hitch assembly fits HM 300, 400, 460
- IH & JD mowers

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- Potato Plows
- New Trailers, all sizes
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- (2) Gehl grinder/mixer

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- JD TWA plowing disc, $2850
- JD RWA 12' wheel type, $750
- JD 8' wheel type, $650
- 14' JD wheel disk
- 12' JD 340 offset disk
- 14' JD 210 disk
- Case 8' wheel type, $575
- IH 12' wheel type, $750
- 22' IH 490 winged disk
- JD 8' wheel type, $600
- IH 500 HD 13', $3500
- Athens 12' wheel disc, $1575
- 12' Taylorway HD disk
- 12' BWA HD disk

CORN PICKERS
- (2) NI 323 1R
- (2) NI 10 1R
- (4) NI 324 2R, 38"
- (2) NI 325 2R, 30"
- NI 319 2R mt
- Farmall 460 gas w/IH mt

HARVESTERS & UNLOADING WAGONS
- Gehl 6' flail chopper
- NH 880 w/2R head, nice
- NH 770 w/2R head
- (2) NH 33 flail chopper
- NH 36 flail chopper
- JD 38 w/pickup
- JD 35 w/2R head
- JD 216 tandem wheel unloading wagon
- (2) JD 16A 6' flail chopper
- JD 38, 2R, & pickup, $1,500
- Kaster, 3 beater w/roof, same as IH, next to new
- IH 720 w/2R head
- IH 550 w/heads
- (2) IH 550, 2R, & pickup, $500
- IH 7 flail chopper
- NI 768 WN 3R 30"-38" head
- AC 780 2R chopper w/ pickup
- Coby 3 beater unloading wagon w/roof
- Badger 3 beater, roof unloading wagon
- Badger 3 beater tandem w/ roof, $3200

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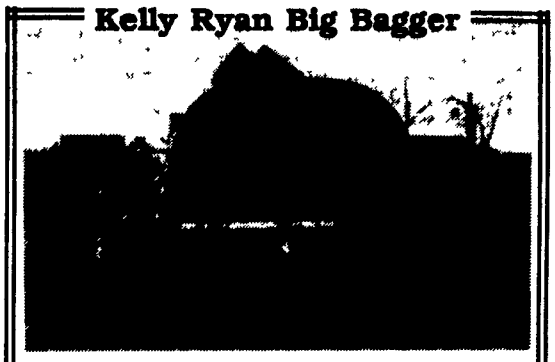

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Case 480C, TLB
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MOWERS

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NH 520
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NH 489 Haybine

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NH 310 w/Motor Thrower 75
NH 276 w/Thrower
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NH 90 Bale Handler
NH 311 w/Motor
NH S68
NH S67
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NH 310
NH 270
NH 851, Auto Wrap Baler
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(2) NH 276 w/Motor

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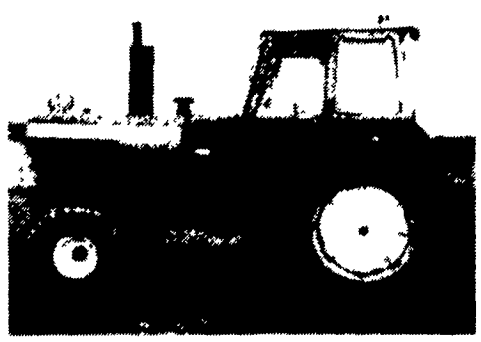

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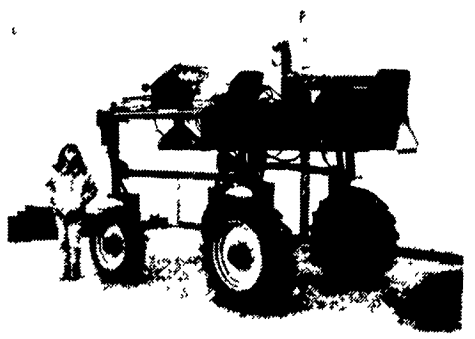

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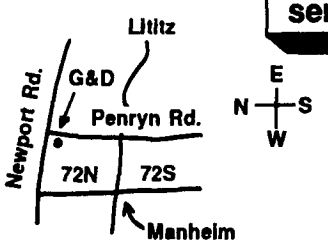

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JD 6600 Gas w/443 Cornhead, As Is.
JD (77) 4400 D., C.A.
JD 4400 Gas, 13' grain.
IH (78) 1460, C.A., Hydro., Real Nice w/820-17½' Flex.
MF 850, C.A., Turbo, Hydro., w/17' Flex And 6R Cornhead.
MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.
(77) MF 750, C.A., Turbo Hydro., Very Good
MF (76) 750 Cab, Air, Hydro
MF 750, C.A. Hydro.
Gleaner F2 D, C A. w/13' Grain & 438 Corn, Nice.
Gleaner F2 D C A. w/13' Grain.
(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.
IH D 915 C.A. Hydro w/863 & 810 Grain.
IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C A. w/810 13' Grain; NH TR70 C.A Hydro w/Cat Dsl.
IH 615 Combine, Gas w/810 10' Grain And 833 Corn Head, Good Cond.
IH 715 Gas w/Cab & 810 grain for $4,850; IH 82 Pull Combine.
NH TR70 C A. Hydro.
NI 702 & 705 Uni-Systems w/Full Eq.; NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N I. 729A Shellers; NI Uni 740 Feeder House, NI Uni 838 Husking Unit w/841 Feeder House.
CORNHEADS: JD 644, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.
I H. 983; 963; 863; 844; 833; 744; 743; 327; 3R; 227.
A.C GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.
M.F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.
N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 6RN Corn Head.
NH 974 W4; NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N; White 703.
GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.
820 16½' Flex.
I H 810-13' Thru 17.5' w/ Reg. or Floating.
M F. 10'-16' Reg. or Floating Bar; A.C. E10'.
N I. 713 Flex Or Rigid; NI 715 S Flex.
NH 960, 13' and 16'; E 10' Grain Head.

TRACTORS:
JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, Full Equip., Real Nice; JD 4850 C.A P.S., MFWD, And Duals; JD 4650 C.A.P.S., MFWD, Like New; JD 4650 C A.P.S., Real Nice; '86 Model 4450, C.A.P.S., MFWD; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450 C.A.P.S., MFWD, w/New Radial Tires; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; JD 4250 C.A.P.S., MFWD, Real Nice; (85) JD 4250 C.A.Q.R.; 4050 C.A.P.S., MFWD, Real Nice; JD 4050, C.A.Q.R., 1900 Hrs., Excellent Cond.; JD 2950 CA, MFWD; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C.A., MFWD; JD 2950 CA, 16.9x38 Tires; JD 2950 MFWD w/ Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 1250 w/ Power Steering; JD 8640 C.A., 4WD, 20.8x38 Duals, Full Equip.; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., Q.R., Duals; 4640 C.A.P.S.; 1981 JD 4440 C.A.P.S.; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 ROPS, QR; JD 4240, ROPS, QR; JD 2940 MFWD; JD 2940, Full Equipment; JD 2840 w/ ROPS; JD 2840; JD 2240 w/146 Loader; JD 2040; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; 4430 C.A.P.S.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4430 C A., 8-Spd., One Owner; JD 4230 C.A.Q.R., Nice; JD 4430, C.A.Q.R.; JD 4230 C.A.Q.R., Nice Cond.; JD 4230 CA, Syncra Range, Nice; JD 4430, QR, cab front wheel assist; 4430 ROPS, Syncro Range; JD 4230 C.A.Q.R.; JD 4030 Quad Range w/Cab; JD 4030 w/Cab, Q.R.; JD 2630 Utility Dsl.; JD 7520 C.A., 4WD, Needs Motor Work; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320 18.4x38 Duals, Real Nice; JD 4320, Real Nice; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E.; 4020 P.S., SOLD F.E.; JD 4020 Dsl., WF, 2 Hyd., Nice; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4000 D WFE; JD (72) 3020 Tricycle Dsl.; JD 3020 SC, w/ ROPS, Power Shift; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF, Dif. Lock, Dual Hyd., ROPS, Good Condition; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G.; JD 2020 Gas, ROPS, w/Hi-Lo And Side Mounted Mower; JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 4010 WFE, Nice; JD 4010 Diesel, As Is; JD 4010 Tricycle, Gas, w/ Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas; JD 3010 Gas w/Loader; JD 2510 Tricycle, Gas; JD 630, WFE, 3 Pt., Original; JD 620 Gas, w/PS; JD 620 Tricycle w/3 Pt.; 1932 JD D, Original; 1950 JD D.
IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 C.A., MFWD; IH 5488 ROPS, MFWD; IH 5488 w/Duals; IH 5288 CA w/20.8-38 Duals; IH 5088 C.A.; IH 3588 2+2, One Owner, 1400 Hrs.; IH 1586 C.A. Real Nice; IH 1586, CA, Duals; IH 1586 C.A. (Needs Trans. Work); 1586 w/R.G.; IH 1486 CA; IH 1486 CA; IH 986 C.A.; IH 986 ROPS; IH 186 Hydro, ROPS; 886 w/R.G.; F686 Original; IH 4166 4WD, w/3 Pt. And PTO; IH 1466 w/cab, one owner, real nice; IH 1466, C.A., 18.4x38 Duals; 1066 w/Yr. Round Cab; F 1066 Fender, Original; IH 1066 (Needs TA); IH 1066 Fender; 1566 w/Cab; 1466 w/Cab; 1466 Fender; IH 966 w/2350; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; Farmall 544 Gas, WF, 3 pt.; IH 544 Utility Gas; IH 464, Gas w/ ROPS, Real Nice; IH 444 U. Gas w/IH 1501 Loader; IH 504 Utility Dsl. w/IH 1501 Loader; IH 504 Gas, WFE; Farmall 856 Dsl., Nice; 756 Dsl., WF; F756; 656 Diesel; 656 Dsl. WFE; IH 656 Row Crop; IH 1206; F806 Dsl. w/2000 Loader; 806 D, WF; IH 706 4 WD w/Cab And 310 SOLD w/Turbo; IH 706 Dsl. w/2000 Ldr.; F560 Gas, WF, Nice; IH 560 Standard Dsl.; Farmall 450 Dsl.; Farmall 560 Dsl.; Farmall 460, Tricycle Gas w/Fast Hitch; IH 350 w/Ldr.; Farmall 350 Tricycle w/PS, FH And Loader; Farmall 200; Farmall 100, Hi-Clearance w/ Cultivators; Farmall C.
AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 8070, C.A.P.S., MFWD; AC 7020 CA, 20 Spd.; AC 7010 C.A.P.S., w/AC 470 Loader; AC 7010 CA; AC 5050; AC 200 D original; AC 180 Tricycle Dsl., Nice; AC D17 Series IV D. 3 Pt., WFE; AC D21 Series 2; AC D17 Dsl. WF; AC B w/Cultivator.
(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice; Deutz 5506 w/Dunham Lehr Loader, Nice; Deutz Fahr DX 830 C.A.P.S., MFWD; Deutz DX160, CA, MFWD.
CASE IH 685 C.A. MFWD, w/110 Hours; CASE IH 3294 CA MFWD, Radials, Real Nice; Case 2294, C.A.P.S., Like New; Case 2294, C.A.P.S., 1600 Hrs., Like New; Case 2094 C.A.P.S., MFWD; Case 2390 C.A.P.S., Duals; Case 2090 C.A.P.S.; Case 2290, C.A.P.S., 20.8x38 Radials; Case 2290, C.A.P.S.; Case 1690 C.A., MFWD; Case 1390; Case 1370 C.A.P.S.; Case 1175 ROPS, 2900 Orig. Hrs.; Case 970 ROPS; Case 970; Case 930 (Needs Motor Work); Case 730 Gas w/3 Pt., WF; Case 1210 (Needs Clutch).
MF 2805 C.A., 24 Speed, w/ Duals; MF 2705 C.A., 24SP.; MF 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 2675 C.A. 24-Speed; MF 1150 w/Cab; MF 1150 Fender w/Duals; MF 1135 C.A., MP, Nice; MF 1135 w/Cab, 8 Spd.; MF 1100; MF 1100 Dsl., WF, As Is; MF 1085; MF 245 Dsl. w/PS; MF 175 Dsl., As Is; MF 165 U. Gas; MF 165 Dsl., Multipower; MF 135 Gas; MF 85 Dsl., Original; MF 65 Utility Gas w/Ldr.; MF 35 Dsl.; MF 35; Ferguson 20 w/Ldr.
Ford TW30 C.A., Duals; Ford TW10, ROPS, Dual Power; Ford 7710 C.A., Nice; Ford 7770 CA, DP; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8000 w/cab and dual power; Ford 8000; Ford 8000 (Needs Reverse); Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 3000 Gas w/PS, Good Cond.; Ford 3000, As Is; Ford 2000 Gas w/PS And Loader; Ford 871 w/Power Steering And Front Blade; Ford 9N w/Ldr.
WHITE 2-135, C.A.; White 2-155, C.A.; White 2-85 w/Cab.
OLIVER 1955 Original; Oliver 1855 MFWD; Oliver 1755, As Is; Oliver 1655 D, WFE; Oliver 2050; Oliver 1800 Gas; Oliver 1650 Tricycle, Dsl.; Oliver 1755; Oliver 1855, As Is; Oliver 77 Gas, WF; Oliver Super 88; MM G1000 Nice; MM Super 670 Dsl.
Steiger Bearcat 2 w/Duals & 3 Pt.
Tractors & Equip. Just Traded:
Gehl 95 Grinder Mixer; JD 4240, C.A.Q.R.; JD 4640 C.A.Q.R.; JD 4320; JD (85) 2950, ROPS; Oliver 1755; JD 3020D; JD 2010 Gas; JD 3010 Gas; 4440 ROPS; 4840 C.A.P.S.; Ford 7700 w/dual power, JD 7000, 6R Conservation w/5 row splitter; NH 782 w/822 C.H.; Duall 24' Field Cultivator.

CORNPICKERS. (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers, NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; NI 324 Picker w/8 Roll Bed, Shellers & Super Shellers; NI 323 Picker; NI 330 3R Picker w/12 Roll Bed
New N I 329 Super Sheller List $6700.00, Special $3,550, N I 330 - 3 RN w/Supershellers, 325 2RN w/Grinder
PICKER NI 319 Mtd, NI 319 2 Row Mounted Picker w/12 Roll Bed
FORAGE EQUIP: Forage Harvesters w/Choice of Heads
JD 3960 w/2 Heads, Full Equip, JD 3800 Chopper, Hay Pick-Up, JD 3800 Harvester, w/2R Corn Head, JD 3960 w/3R Cornhead, JD 3960, JD 35 Chopper
NH 900 Chopper, Like New, NH 900 Chopper; NH 890 w/Electric Controls, 2R Corn & Hay Pickup, NH 770 w/heads, NH 770 w/822 Cornhead, NH 718 w/1 Row Cornhead, NH open end hay pickup heads, 6', IH 830 Chopper w/2 Row Corn, IH 720 w/2R And Pickup, Good Cond; IH 781 Harvester w/2R Corn Head, Hay P.U., And 2 Row Snapper
Hesston Field Queen 7600, Self-Propelled Chopper w/3 Row And Pickup
NI 709 Uni, 4WD, w/767 Chopper and 4 Row Cornhead
MF 200 Chopper w/2R Cornhead, Hesston 7020 w/Hay Pick-Up
Fox Super D w/Cab 3R C H & PU
Gehl 1200 Chopper Elect Controls w/3R Corn Head And Pick-Up
Gehl CB 1200 Chopper
Balzer 1014 Hydraulic Dump Station
FORAGE HEADS NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H, NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1, 2, & 3R Silage, NH 880W PU, NH 880 S Direct Cut, NH 890 N3 3R Corn, Incomplete
JD 3R 36" Silage Head, J D 2 & 3R Snapper, 2 & 3 R Silage, Used 5½' and 7' Hay Pickups, JD 343 Cornhead w/Adapter Plate, JD 243 C H w/adapter plate, JD 244 Cornhead w/Chopper Plate, Like New, 3 JD C.H harvester adapter plates, JD 4RW Stalker Head
IH 830 3 Row 30" Cornhead, IH Direct Cut Head w/2RN & Hay PU for 650, NI 766 Hay PU, Gehl 2RN Corn Head, Gehl HA900 Hay Pickup
2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup
BLOWERS Gehl 99 Blower, NH 30 Farmhand Burr Mill Blower, Witmor SOLD Blower
FLAIL CHOPPERS Used NH 38, JD 27 Stalk Shredder, NH 38 Flail, Good Condition, Bearcat 72A Flail Chopper, IH #50 12' Stalk Shredder
SILAGE WAGONS. Fox 1016 Dump Station, Richardton 1200 Side Dump Wagon, JD 716 Tandem Axle w/Roof, Hesston #10 Stack Wagon
HAY EQ., BALERS. Deutz Allis HD 490 Baler w/Thrower, Like New, JD 466, JD 347 Baler w/Thrower, JD 347 w/Thrower, JD 327 Baler w/Thrower, JD 327 Baler w/ Chute, JD 336T w/Thrower, JD 336 Wire w/Thrower, JD 24T w/#30 Thrower, JD 24T w/#30 Thrower
NH 326 Baler; NH 326 w/70 Thrower, Used 3 Seasons, NH 425 Wire Tie Baler, NH 320 Baler, NH 320 Baler w/70 Thrower, NH 315 w/70 Thrower; NH 315 w/Thrower, NH 315 w/70 Thrower, NH 276 Wire Baler, NH 276 Baler, NH #75 Ejector, IH 445 Baler w/#15 Thrower; NH 848 Round Baler w/ Memory Wrap, NH 851 Rd, NH 847 w/Auto Wrap, Like New, NH 847 Auto-Wrap, NH 846 Hydr Wrap, NH 846 Hyd Wrap, Hesston 5600 Round Baler, Real Nice, Gehl 1460 Round Baler, Real Nice, NI 456 Round Baler
RAKES: Vermeer R-21A Twin Rake, MF 585 w/Dolly Wheel
NH 258 Rake, NH 259 Rake, NH 56 Rake, JD 660 Rake w/Dolly Wheel, New NI 406 Rake, Hyd Drive w/Dolly Wheel, Fahr 4 Star Tedder, Fahr 4 Star Tedder w/Big Tires
HAYBINES (1982) NH 1495 D C A. Hydro, 800 Hrs, NH 1495 Dsl., C A., Hydro, NH 1495 D Hydro w/Half Cab, NH 1495 Gas Haybine, NH 499 Hydro Swing Haybine, Very Nice, 495, NH 489 Haybine, Real Nice, (3) 489, NH 488, NH 479, 478, 477, (4) NH 467 Haybines, New JD 1600 Hydroswing Haybine, (Damaged), JD 1219, JD 1209 Haybine, JD 1209, IH 990 9', IH 990 7' Haybine, JD 1327 Diskbine, Like New, Hesston PT7
New MC 7E, MC9E Rotary Scythe, NI 272 Cutditioners, NH 1010 Bale Wagon, Good Cond, NH 1005 Bale Wagon, NH 1002 Bale Wagon
PLANTERS. AC 333 6R No-Til Planter; JD 7000 6R Cons., Dry Fert, JD 7000 6R Cons Liq, JD 7000 4R Liq, (Used) 7000-6R Cons Liquid w/No Till, JD 7000 6R Conservation, Dry Fert, JD 7000 6R Corn Planter, Dry Fert; JD 7100 6R Planter, 3 Pt, JD 5R Splitter w/No-Til, JD 7000, 6RW Plate Planter, 7000-4R Dry & Liquid; (2) JD 7000, 4R Dry Fert, Full Equipment, JD 7000 4RN Liq, JD 7000 4R Planter, Dry Fert, Real Good, IH 8[SOLD] Plate Planter; IH 800 4R Liq. Air Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units, White 5400 6R Corn Planter, Dry Fert., AC 600 4R No-Til Planter
DRILLS. JD 8300 21x7 DD, JD 8300 21x7 Single Disc Drill, JD 8250 18x7 DD w/Fert. & Grass Seed, JD 9300 Tandem Drills, Moore 18x6 No-Til Drill, Tye 24x6 Drill, IH 5100 24x6 Single Disc w/ Grass Seed, Like New, IH 5100 Drill, 21x7 w/Press Wheel And Seed, 510 24x6 Double Disc, Brillion SS-1201 10' Seeder w/ Transport, Brillion 10' Seeder, Brillion 8' Seeder
GRINDERS/MIXERS Owatonna 450 w/Scales, Bearcat 1250, JD 750 Grinder/Mixer, NH 352, NH 359, Gehl 65, Roto Grind Tub Grinder
TILLAGE EQ: PLOWS: IH 440 3X Plow; Ford 3X Plow, IH #60 3X Trailer Plow, White 3X Spring Reset, Oliver 3X Roll-Over Plow, JD F325 4X, 3 Pt, Hydr Reset Plow, JD 3X Rollover Plow; JD 1250 4X Semi Plow, IH 540 4X Semi Plow, JD 1450 5x18 Plow, JD 1450 6X, JD 145 5x16 Semi Trip Plow, JD 2600 4X Trip Plow, JD 5X 16" Semi Mount Plow, JD 2500 5X Spring Reset, JD 2500 5x18" Spring Reset Plow, New Taylorway Pittsburgh 5X 18' Spring Reset, IH 710 5x18" On-Land Hitch Plow, IH 700 4 and 5X Spring Reset Plow, Oliver 546 5X Trip Plow, IH 560 6X Plow, IH 720 6x18 Plow, IH 720 6x16 Spring Reset On-Land, IH 720 6x18" On-Land Plow, Ford 6X Spring Reset On-Land Hitch, White 508, 6X Reset, 6B Semi, IH 700 6x16 Spring Reset, White 549 5-6x18 Spring Reset, JD 2700 6X Plow, Case 400, 6x18 Spring Reset On Land, (2) JD 945, 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800, 7X Onland, IH 710, 7X Onland JD 2800 7X On Land, JD 3600 8X Spring Reset, On Land, JD 2800 8X Plow, IH 800 10X Plow
CHISEL PLOWS Athens 6' Chisel Plow, Bush Hog 8', JD 1600, 12' Chisel, Bush Hog 10' w/Buster Bar, IH 55 13 Tooth Chisel
DISCS JD 9' Offset Orchard Disc Bush Hog 245 14' Offset Disc Miller 10' Offset Disc, White 281 12' Offset Disc, IH 770 10' Offset Disk, Like New, IH 770, 12 Offset Disc, IH 770 20' Hyd Fold Offset Disc, JD 110 12' Rock Flex, White 252 12', JD 210 13' Disc, JD 210 14' Disc, Real Nice, JD 215 Disc K[SOLD]isc, Miller 12' Offset Disc, White 15' Offset Disk, AC 2300 2[SOLD]d Disc, Case F21 21' Hyd Fold Disc, Dunham Lehr 34-20' Rock Flex Disc, Rhino F90B 22' Hy Fold, Rock Flex JD 230 24' Hyd Fold Disc, JD 330 25' Hyd Fold Disc
MULCH TILLERS JD 1710 7 Tooth Mulch Tiller, Willbeck 13', Glenco 7 Tooth Soilsaver w/New Blades, Glenco SS18 Fold Soil Saver, Glenco[SOLD] Soil Saver, Rhino 890 5 Tooth 7' Soil Saver, Like New
CULTIMULCHERS Dunham Lehr 10' w/Inside Whls, JD F950 12', JD & Brillion 10', 12', 13' & 15', Brillion WM 360 30' Flat Fold Cultimulcher, Like New
CULTIVATORS. JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator; IH 68 4R Front Mount Cultivator, McKee 4R S Tine, McKee 4 Row S-Tine Cultivator, (2) JD RG 4, JD & IH 6R 3 pt., Glenco 6R S-Tine Cultivator, Noble 6R S Tine Cultivator, IH 65 6 & 8R Front Mounted Cultivator, JD 8R Cultivator, 8R S Tine Cultivator, 8R Fold S-Tine Cultivator, New Ford 208 14' Field Cultivator; JD 1010 28' Hydraulic Fold Field Cultivator; JD 20' 3 Pt. Field Cultivator; White 283 20' Hyd Fold Harrow, Brillion 18' Wing Harrow; JD 16' Transport Harrow, Brillion 23' Hyd Fold Field Cultivator
MISC. Brillion 24' Hyd Fold Packer, Brillion 25' X-Fold Packer, Brillion 12' Packer, Glencoe 12' Soil Finisher, JD 5 Shank V Ripper, 5 Shank V Ripper, Brillion 7 Shank V-Ripper, IH #14, 6 Shank, Spring Reset, V Ripper, IH 14 9 Shank Spring Reset V Ripper
INDUSTRIAL. New Arps 740 3 Pt. Backhoe, Long 1200 3 Pt Backhoe, MF 2200 Dsl Forklift, As Is, Cat 955 Ldr, As Is, IH 250A Dsl Industrial Loader, JD 401B Dsl Ind
1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS, AC 715B L & B, JD 300 Gas Loader Backhoe, IH TD14, Angle Blade, $2,995, JD 350B Crawler Loader w/Winch (As Is), JD 450C Crawler Loader, JD 555 Crawler Loader; JD Winch And 4 In 1 Bucket For JD 450
SKID LOADERS Bobcat 444, Bobcat 533 D Skid, Case 1740 Dsl Skid Loader, Case 1845 Gas Skid Loader, Case 1845 D Skid, (85) Case 1845 B Dsl, Ford CL 40 Skid Loader, Ford CL40 Skid Loader
LOADERS & BLADES. JD 46A, 48, 58, 145, 146 w/Grapple, 148, 260, 280, IH 2455 Loader, IH 2355, Like New, IH 2350, 2250, 2000, Case IH #90 Ldr, Like New, Case 66 Loader, Ford 727 Loader, Ford 720 Loader, Artsway HD loader for 4WD, Westendorf 64L, AC 500 Loader for 185, etc, AC Loader For D17, Ford Ldr For 8000 Etc, JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc, Leon 12' Heavy Duty Front Blade, Amco 905 Heavy Front Blade, York 8' 3 Pt. Stone Rake, JD 155 9'
LAWN & GARDEN MF 205 Dsl w/ Mower, Bolens G154 Dsl 4WD, w/3 Pt Mower And Front Blade, Bolens 174 4WD w/Mower; Cub Cadet 582 w/Ldr And Mower, Farmall Cub w/Mower, Cub 184 w/Mower & Creeper Trans, Cub 185 Lo-Boy, Cub 154 Lo-Boy, With Creeper Trans, 154 Lo-Boy w/3 Pt, Cub 154 w/Ldr, Cub 154 w/Blade, Yanmar 14 HP Dsl, (3) Farmall Cubs w/Mower, Cadet 782, 1100, JD 400 w/Ldr. And 3 Pt Woods Mower, JD 400 w/ Mower, JD 318, 317, 316 300, 216, 214, 212, 210, 160, JD 318 Blade & Snow Blower, (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series, Woods 306 Belly Mower, Like New, Woods 6' Belly Mower
New Yanmar YFL 1000 Ldr
ROTARY CUTTERS JD 1508 Wing Cutter, Woods Cadet 72 6' Pull Type Cutter, King Cutter 4' Pull Type
MC 7' Heavy Duty Mott Mower, Hardy H360C0 Ditch Bank Cutter
SICKLE MOWERS JD 350, 7 & 9 Ft, NH 450 3 Pt, NH 451, NH 455 Pull Type Sickle
MANURE SPREADERS NI 354 Tandem Spreader, NI 354 Tandem Spreader, NI 353 Tandem Spreader, Martin V3300 Tandem Tank, NI SOLD der, Martin Manure Auger 4 Shank Manure Injector

New Killbros Bins & Running Gears

MISC. Powell 3R Transplanter Edwards Hydro-Swing Tree Booms, w/Foot Controls Hydraulic Dump Wagon, NI 716 32' Elevator w/Motor & PTO, Smoker 32' Elevator; Westfield 18' Auger w/Electric Motor, Riteway Rock Picker, Leon Rock Picker, Farmhand 8' Snow Blower, JD Quick-Couplers, JD WF, 4WD, I H Flat Top Fenders For 706-1466, I H 66 Series Cabs, Year-Round Cab w/Air For IH 66 Series, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts, JD 243 Corn Head w/ Adaptor Plate, New WFE For Ford 7700, Myers Snow Blade for IH 240
Muv-All 30' Hyd Implement Trailer
J D Roll-Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

STRAW CHOPPERS For J D 4400, 6600, 6620, 7700, M F 510

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TRACTORS	
(70) JD 5020	$ 4,500
IH 1086 C A	$ 8,900
MF 1100 D	$ 2,975
MF 175 D	$ 1,975
COMBINES	
1973 JD 6600 D. C A w/Grain Head	$ 3,500
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
M F. 510 Diesel w/Cab & Q T Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 105 w/Cab & 10' Grain	$ 1,200
JD 4400 Gas	$ 3,500
MF 300 w/24 Corn Head	$ 2,250
MISC.	
JD 38 w/2R Corn Head	$ 1,000
NI 325 w/12 Roll Bed	$ 3,500

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MF 510 diesel hydro for parts with 14' grain and #44 corn head, $3,000. JD 12' roller harrow, $450 Adams County (717)677-8962

New Ford 4000 3 cyl. gas engine, rebuilt Ford 800 gas engine, rebuilt Farmall Cub engine, Ford NAA power unit. Saxonburg, PA 412/352-1081.

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NH 469 Haybine, excellent condition, $1,275. JD 3 pt. 2 bottom plow, like new, $375. Farmall 200 Tractor, fast hitch, $1,475 717/354-0266.

NH 479 haybine $1,800, NH 273 baler w/thrower $900; Ford 5000 diesel; MF 135 diesel $3,000, NI 323 1R corn picker $1,000. (215)488-6491.

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- **Toyota Skid Steer Loader 40 HP, Low Hours $11,000**
- **Bob Cat Model 540 25 H.P. Good Machine $5,000**
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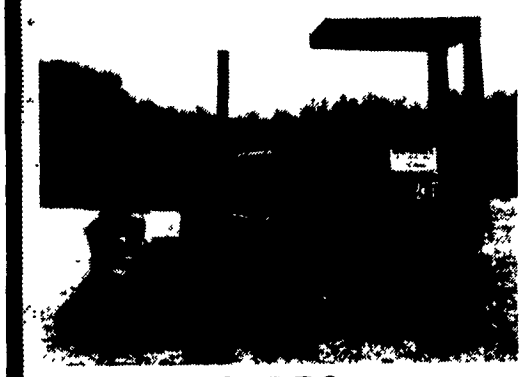

CAT D3
w/Fresh Engine, V.G. Cond.
$7,800
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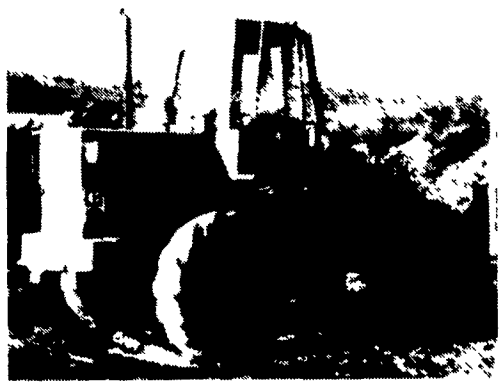

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With Forks, 1979 Model,
Looks and Runs Good
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Hesston 8200 12' SP Windrower
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NI 3639 Tandem Spreader, 2 Yrs. Old
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JD 716 Tandem Forage Wagon
Goosen Stationary Bale Chopper
NH 271 Baler w/Thrower
Kuhn GMD 66 Disc Mower
Woods 10' Offset Rotary Mower
1820 18 Hp Grasshopper
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Yanmar 146 14 Hp, 48"
Jacobson 16 Hp w/Snowblower
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- Ford Jubilee
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- #1934. Ford 2000
- Ford 3000
- Ford 4000
- Ford 4610 Orchard Model, 4 Cyl. Engine w/8 Hrs.
- Ford 5000
- Ford 540B Tractor & Loader, 1987
- Ford 6610 Orchard Model w/55 Hrs.
- Ford 7[SOLD] Good Condition
- Ford 7600 w/DP
- Ford 7[SOLD]4WD, No C[SOLD]1985 1,200 Hrs.
- Ford [SOLD]4WD, L[SOLD]Futile Cab, 540 Hrs.
- Ford 7710, 4WD, 600 Hrs., Cab & Air w/TA28 Westendorf Loader
- Ford 82[SOLD]WD, Se[SOLD]ll, 450 Hrs., Cab & Air
- Ford 8210, 4WD, 1984, 750 Hrs., Cab & Air
- Ford TW10, Cab & Air
- Ford TW15, 4WD w/Cab & Air, 1,700 Hrs., 20.8 Radials, 14.9x28 Radials, New
- Ford TW25, 4WD
- Ford 545 TL, 4WD
- JD 4230, Cab & Air
- JD 4430 w/4WD, 1976
- JD 2120, Reconditioned w/145 Loader
- JD 60
- IH 986 SOLD
- Mitsubishi 160, 16 H.P. w/Loader
- Long 510, 4WD
- NH 679 Manure Spreader w/Tailgate
- NH 791 Manure Spreader
- NH 1495 Self-Propelled Haybine w/2 Year Old Head
- MF 255 w/Loader

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- Long 2510 w/4WD
- Long 510, 4WD
- Heavy Duty Long Cutter, 66"
- Mitsubishi 372, 15 H.P.
- Kioti 17 H.P., 4WD

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CASE: 1070 Diesel w/Cab
DEUTZ: 4006 w/Ft LoaderD6806, DX140
FORD: 545 w/Cab, 545A w/Cab, 3000, 3000 Diesel w/Ft Ldr , 4000 w/Ft Ldr , 4100 w/Front Loader, 5000, 7000, 7600 High Clearance 861, 8N's, Jubalee w/Ft Ldr
IHC: Super A, Super H, M, 574 w/Ft Ldr , 886, 1206 Turbo w/ Cab, A High Clearance, 140 High Clearance, 200 Wide Front End, 100, Cubs, Farmall 400
JD: 820 Diesel, 4440 4WD Dual Rears w/Cab
KUBOTA: L175, B6100 4WD, M 4950 4WD w/Ft Ldr , M5500 4WD w/Ft Ldr , M7950, M8950 4WD w/Cab And Front Loader
MASSEY: 35 Delux w/Ft Ldr 135 w/Ft Ldr , 265 diesel

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McKee Corn Hogs, Wetmore Grinder/Blower, Gehl 2 Row Snapper Head, New Holland 1 Row Snapper Head, Kools Re-Grinder/Blower, Speed King 80, 8" Grain Auger 24 Ft PTO Drive, Transport

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AC 6 Row No-Til Corn Planter w/Liquid Fertilizer, Very Good Condition, AC 2 & 4 Row No-Til Corn Planters, Ford, John Deere, AC 2 Row 3 Pth Corn Planters, John Deere 2 Row Potato Planter, Brillion 10 Ft Cultipacker Seeder, Brillion 5' Cultipacker, JD 8350 Double Disc Grain Drill, Brillion 10' & 14' Cultimulchers

TILLAGE EQUIPMENT

AUTO RESET PLOWS
AC: 2000 4 Btm
FORD: 3 Btm. 3 Pth.
IHC: Like New 720 4 Btm , 710 6 Btm. w/On-Land Hitch, 700 4 Btm., 710 3-5-6 Btm
JD: 3600 Trailer Plow, 2600 6 Btm., 2500 7 Btm. w/On-Land Hitch, 2500 7 Btm., 4-5 Btm w/Tandem Hitch; 2700 5 Btm.
KUBOTA: 3 Bottom.
WHITE: 588 5 Btm
OTHER UNITS: Brillion 10 & 12 Ft. Cultimulchers, Massey 4 Btm 3 Pth Rollover Plow, Kewanee 9 Shank Trailer Chisel Plow, Athens 7 Shank 3 Pth Chisel Plow, JD 1250 3 Btm. 3 Pth
DISCS
AC: 2300 Tandem 10 Ft. Disc, 3300 Transport Offset Disc, 14 Ft. Tandem Wing Disc.
ATHENS: 131 Tandem 11 Ft. Plow Disc, 167 Transport Disc.
BUSH HOG: 9 Ft Offset Plow Disc
FORD: 8' 3 Pth Disc
IHC: 350 12 Ft Disc, 480 Tandem 20 Ft Wing Disc, 760 Offset 13 Ft Disc, 470 Transport Disc 12'.
JD: KBA 10 Ft Disc, 310 14 Ft Plow Disc, 14' Transport Disc.
KEWANEE: 610 Tandem 16 Ft Wing Disc w/Folding Gang.
MASSEY: 12 Ft Tandem Disc
TAYLORWAY: 13 Ft Rock Flex Disc
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OTHER ITEMS: New Brillion 16 Ft Danish Tine Transporter Harrow, Glenco 3 Pth 4 Row No-Til Cultivator, 2-4-6 Row 3 Pth Cultivators

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SPECIAL
1971 Ford F600, 4WD Truck
With Like New Western Power
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FORAGE HARVESTERS: Gehl 1000 Tandem Axle w/Pick-Up Head, Hesston 7140 And 2000-150 Each With Choice Of Heads
FLAIL CHOPPERS: NH 36, NH 38 Like New.
FORAGE BLOWERS: Gehl 99, NH 28.
CHOPPERS: JD 3800, Hesston 7020, Hesston 7165.
BALERS:
NI: 484 Round Baler.
GEHL: 1310 Round Baler, Makes 4 Ft Bales.
JD: 346 Sq Baler w/Thrower
DEUTZ: HD 490 Sq. Baler w/Thrower.
NH: 275 Square Baler.
HAYBINES:
HESSTON: 1070, 1071, 1090
NH: 472, 489
IHC: 1190
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MISC: Good Selection Of Corn Heads, Assorted Rakes & Tedders, NI 272 Cut/Ditioner, Case IH 8610 Bale Processor, Hesston #10 Stack Processor, 40 Ft Round Bale Trailer

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New Idea 323- 1 Row; New Idea 324 Wide Row And 325 Narrow Row, Both Available With 8 Or 12 Roll Husking Bed Or Super Sheller

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DOZERS: JD 350B, JD450C w/6 Way Blade, Case 450B w/6 Way Blade, Case 450C w/6 Way Blade, AC 653, ACHD 10, IH TD15, AC 655 Crawler Loader w/4 In 1 Bucket, Case 450 Crawler Loader w/4 In 1 Bucket.
TRACTOR/LOADER/BACKHOES: Ford 555, Ford 3000, Ford 3500, Case 480, Case 580, Case W-3, Kubota B8200 4WD, AC 615, AC 715; Belarus 420A 4WD.
OTHER ITEMS: AC 714 T/L w/Cab, AC 640 Loader, Oliver OC3 Crawler, AC TL 14D Payloader, Massey 2135 T/L Turf Special, Pettibone B66 Hi-Reach 4WD Industrial Forklift General 3 Axel 9 Ton Tag-A-Long Trailer, Binkley 28 Ft. Deck Equipment Transport Trailer. Asplundh Brush Chipper, Brush Bandit Self-Feeding Brush Chipper, Industrial Air Compressor 1976 GMC 5000 Truck w/45 Ft Anel Bucket With Very Low Mileage

NH 353 Grinder Mixer; NH 1700 gal. Side Spreader; NH 514 Spreader; Knight 1623 gal. Side Spreader; Used Paypec 870 Grinder Mixer;Uused MF 81 Mower Conditioner. George Gross, Inc. 717/292-1673.

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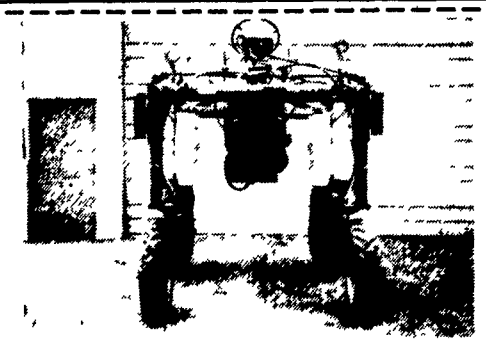

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3 Speed Chain Drive
$1,200
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IH 1150 Grinder Mixer..	$2,350
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NH 258 Rake w/Dolly - New Teeth And New Paint...	$2,075
NH 489 Haybine	$5,600
NH 411 Discbine	$6,200

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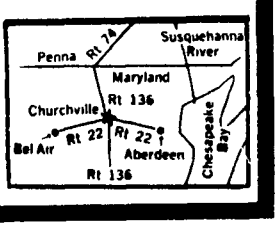

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JD 4440 Dsl., Cab, Air, Power Shift, 20x38 Rubber, Very Nice
JD 4440 Dsl., Cab & Air, 2200 Hrs., QR, Very Nice
1977 JD 4430 D SOLD ab, Air, Quad, Excel. Cond.
JD 4430 Dsl., Cab, Air, Quad, High Back Seat, Triple Hydraulics
1982 JD 4240 Dsl., Cab & Air, Power Shift, 18x38 Radials, 1500 Hrs., Exc. Cond.
JD 4240 Cab, Air, QR, 2500 Hrs., Excellent Cond.
1987 JD 4050 Dsl., 15 Spd., Power Shift, 4 Post Roll Guard, Very Nice
1982 JD 4240 Dsl., Cab & Air, Power Shift, 3000 Hrs., Very Nice
1982 JD 4040 Dsl., Cab, Air, Power Shift, Very Nice
JD 2940 Dsl., MFD, 1400 Hrs., Excel. Cond.
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1982 2640 Dsl., Hi-Lo, Ind. PTO, Very Nice
JD 1530 Dsl., Hi-Lo, Indep. PTO, 38" Rubber, Rack & Pinion
JD 950 Dsl., Roll Guard, 520 Hrs., Exc. Cond.
IH 5088 Cab & Air, 20x38 Rubber, Very Nice
IH 1086 Dsl., Cab, Air, 2500 Hrs., 20x38 Rubber, Very Nice
IH 1066, Red Cab & Air, 2500 Hrs., 18.38 Radials, Excel. Cond.
1975 IH 1066 Dsl. Fender Tractor, Dual Hyd. & PTO, Excel. Cond.
IH 1256 Dsl. w/Year-Round Cab, 3300 Hrs., Very Nice
IH 986 Dsl., Cab & Air, 38" Rubber
1976 IH 766 Black Stripe w/Cab, 2900 Hrs., Exc. Cond.
IH 686 Dsl., WF, Dual Hyd., Very Nice
IH 686 Dsl., Roll Guard & Canopy, 2200 Hrs., Very Nice
1975 IH 766 Dsl., 3PT, Dual Hyd., 38" Rubber
1979 AC 7000 Dsl., Cab & Air, Very Nice
Ford TW20, Cab & Air, Very Nice
Ford 7000 Dsl., 2200 Hrs., Load Monitor, Very Nice
Ford 2000 Gas, Power Shift w/Indust. Loader, No. 3PT, 1500 Hrs., Very Nice

TILLAGE

JD 1635 11' Plowing Disc, New 26" Blades
JD 235 18' Hydraulic Fold Disc
JD 340 12' Offset Disc, Like New
JD 310 12' Double Offset Disc
Neimeyer 10' Power Harrow, Excel. Condition
IH 610 12' Offset Disc
IH 475 14' Disc Harrow
Hutchmaster 12' Offset Disc, Big Blade
Miller 11' Offset Disc New, 24" Blades
Krause 15' Hyd. Fold Offset Disc, Excellent Cond.

Farmco 18' Bale Wagons
8 Ton Gear, 11Lx15 Tires
$1,950

HAY EQUIPMENT

JD 1219 Mower Conditioner
(1) JD 1209, Late Model, Very Good
JD 530 Round Baler, Very Good
JD 347 Baler w/Ejector, Very Nice
JD 336 B SOLD /30 Ejector
NH 1037 Bale Wa SOLD Tandem Axle, 105 Bale Cap.
NH 1003 Bale Wa SOLD 0 Bale Capacity, Like New
NH 1012 Bale Wagons 56 Bale Capacity
NH 849 Round Baler, Excellent
NH 770 Harvester w/2R Cornhead, Very Good
NH 477 7'
NH 316 Baler w/70 Thrower, Excellent Cond.
NH 326 Baler w/or Without Thrower
NH 846 Round Baler, Very Nice
NH 851 Round Baler, Very Nice
New Farmco 18' Steel Side Hay Wagons
NH 75 Hyd. Bale Thrower
JD 5½' P.U. Head w/Clutch
Gehl 1200 Harvester, Electric Controls w/ Pickup Head

QUALITY COMBINES
(Displayed Inside Building)

1986 JD 6620 LL Titan II, 500 Hrs., Fully Equipped, Excel. Cond.
Gleaner K w/Cab, Grain Saver, 10' Grain Table
Gleaner F2 Dsl., Hydro, Corn Soybean Special, 1000 Hrs., w/13' Grain Table, Local One Owner Machine
1984 JD 4420 Dsl., Cab, Air, 600 Hrs., 1 Owner, Exc. Cond.
1982 MF 550 Dsl., Cab, Air, Hydro, 23" Rubber
MF 13' Rigid & Flex Platform
IH 810 13' Grain Platform
JD 213, 215 & 216 Flex Head
IH 820 13' Flex Head
JD 13' & 15' Series 100 Rigid Grain Head

CORN HEADS

JD 244, 2RW
JD 343, 3RN, Low Tin
JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
JD 643, 6RN
JD 643 Oil Bath
IH 843 4RN
IH 863, 6RN
AC 238 Corn Head
AC 43, Black, 4RN
MF 1163 6RN
MF 1143, 4RN

CORN PICKERS

NI 327 Husking Bed to Fit 2R Pull Type
NI 324 2RW 12 Roll Husking Bed, Very Nice
NI 323 1 Row Corn Picker
JD 300 Husker w/2 Row Head

PLANTING EQUIPMENT

JD 7000 6 Row No-Til Liq. Fert., Insect. & Monitor
JD 7000 4R Conservation, Dry Fert., Insect. Monitor, No-T SOLD Coulters
Brillion 10' Transport Alfalfa Seeder w/Double Box

We have lease financing available for above equipment

MISCELLANEOUS EQUIPMENT

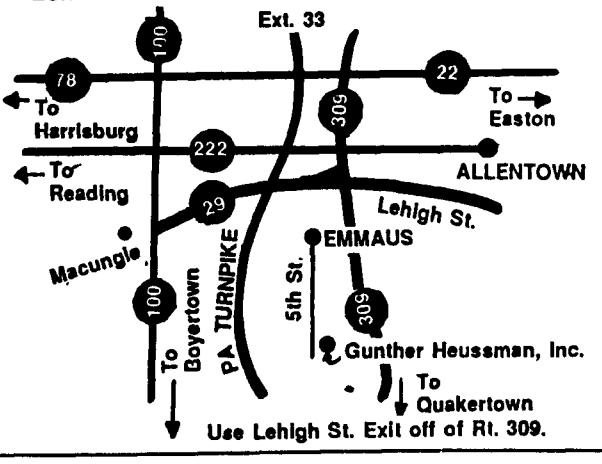
JD RM 4R Cultivator, 3PT
JD 158 Loader
JD 146 Loader
18x38-18x34 Duals
JD Roll Guard w/Metal Enclosure For JD Utility Tractor
JD SOLD oader
JD 700 Grinder Mixer
IH #60 Stalk Shredder, Very Nice
IH #50 Stalk Shredder
IH 2350 Quick-Tach Loader
Year Round Cab Fits IH 766-1566, 666, 686
NH 354 Grinder Mixer, Very Good
Gehl 95 Grinder Mixer w/Hay Feeder Attachment

PLOWS

IH 155 4 Base Roll-Over On-Land Hitch
IH 735 Spring Reset, 5 Base, Variable Width
IH 720 5x20 Spring Reset
IH 720 5x20 Spring Reset, Onland Hitch
IH 720 6x18 Spring Reset, Onland Hitch
IH 710 7x18 Spring Reset, Onland Hitch
IH 710 6x16 Spring Trip Onland Hitch
IH 710 5x18 Spring Reset
IH 710 5x18 Spring Reset, Onland Hitch Plow
IH 710 4x18 Spring Reset Plow
JD 4200 3 & 4 Base Roll-Over
JD 2800, Spring Reset, 6 Base, Variable Width
JD 2800 Spring Reset 6 Base Onland, Variable Width
JD 2500 4x18 Spring Reset
JD 2500 5x18 Spring Reset
JD 2500 6x18 Spring Reset
JD 2450 5x18 Onland Hitch
White 598, 5 Base, Variable Width

NEW ARRIVALS

NH 1033 Bale Wagon, Tandem Axle, 105 Bale Capacity, Very Nice
NH 310 Baler w/#70 Thrower, Excel. COnd.
1980 JD 4420 Dsl., Cab & Air, FUlly Equipped, Very Nice
JD 336 Wire Baler w/30 Ejector
NH 495 12' Haybine
1975 JD 4400 Dsl., Cab & Air, Choice of Heads, Very Nice
JD 6030 Dsl., Cab & Air, 20x38 Duals, Triple Remotes, Very Good
20x38 Axle Duals To Fit JD 4840



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JD 230 disk 22 ft.
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IH 700 7-bott. semi plow, completely rebuilt w/ cylinders
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Oliver 5 bott. semi
Oliver 4 bott., hyd., pull plow
IH 3 bott. hyd. pull plow, Plow Chief
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14' flat wagon, 4 wh.
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1 row Speedling transplanter w/gauge wh., 3 pt. tool bar and carosel, brand new
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500 gallon 3 pt. sprayer w/agitator, 36' booms, almost new
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Pixall 1 row bean picker
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AC 4-38 corn head, very good condition
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JD 105 combine w/cab, parts only

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NH 495 Haybine
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A 6R 30" Head for AC Combine
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Hesston 7150 Forage Harvester
White 5100 6R No-Til Planter, (Sharp)
White 5100 4 Row Planter
JD 7000 12R Corn Planter
Badger Manure Spreader
Hesston PT10 Windrower
Hay Buster 107 No-Til Drill
Vicon 15' Power Harrow
(2) JD 1209 Windrower
MF 128 Baler w/Thrower
White 2-85 Tractor w/Cab
White 8700 Combine
White 8900 Combines
Farmall M Tractor
Westfield 8x51 Auger
Vicon 2400 Lb. Fertilizer Spreader
NI (New) 109 Fert. Spreader

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JD 5400 4WD, Immaculate
$25,500
Larry Stalter "The Chopper Man"
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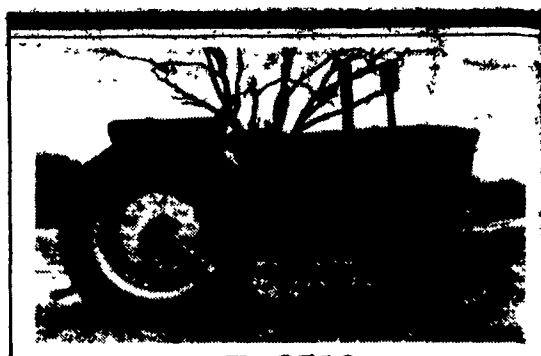
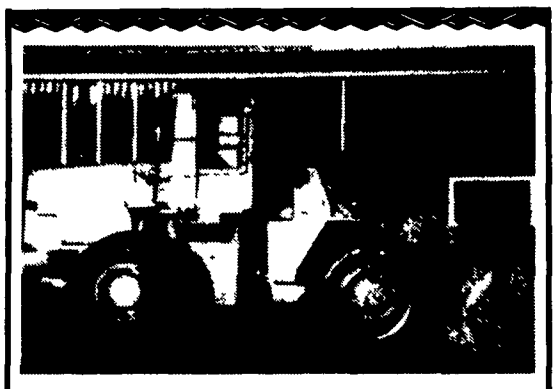
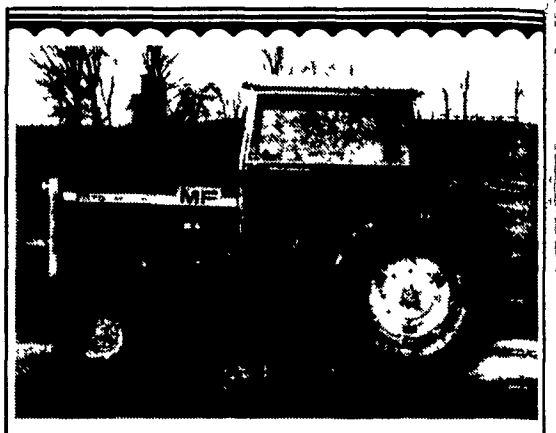


JD 2510
PS, Diesel, Rebuilt Engine
$4,000
301-833-9091



FR15 Fiat Allis
1984 Model Runs Well and Has New Paint
$26,500.00
717-438-3354



MF 2675
Runs Exc., Outlets, 24 Speed
$5,000
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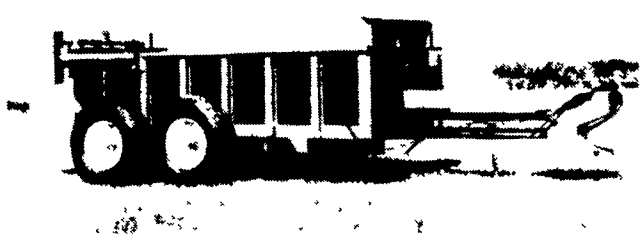
FREE YOURSELF FROM SPREADER CHAINS AND SAVE MONEY



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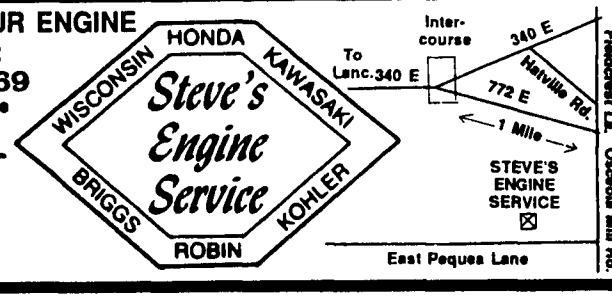

NEW JOHN DEERE TRADTORS

670 MFWD Tractor	$8,395
970 MFWD Tractor w/80 Loader	$14,999
2155 w/TSS Trans.	$14,500
2155 MFWD w/TSS	$19,150
2555 MFWD w/TSS, Hi-Lo	$22,999

NEW JOHN DEERE EQUIPMENT

335 Round Baler Demo	$8,500
375 Round Baler	$10,600
1460 MOCO	$11,900

** NEW JOHN DEERE EQUIP. PRICED W/APPLICABLE CASH DISCOUNTS

USED TRACTORS

JD 4450 2WD, P.S, S.G.	$39,000
JD 4240 Quad, S.G.	$25,900
JD 2940 RG w/Enclosure	$15,500
JD 4020 P.S., W.F., Y.A.R. Cab	$8,900
JD 1530	$5,900
JD 1020 w/145 Loader	$4,700
JD A	$1,195
JD B w/801 Hitch	$1,395
Cub 185 Lo-Boy w/60" Mower	$2,595
MF 304 Ind. w/Loader	$5,995
AC WD	$895

USED EQUIPMENT

JD 7200 6R Planter	$11,000
White 543 6R Planter	$2,150
NH 489 Haybine	$2,495
NH 479 Haybine	$1,950
IH 990 Haybine	$650
NH 335 Grinder Mixer	$4,900
Gehl 135 Grinder Mixer	$2,900
IH 510 18x7 Drill	$2,875
JD 1550 Powr-Till Seeder	$3,500
Gehl BU910 Wagon w/Gear	$2,495
JD Round Bale Grapple	$475
NH 315 Baler w/Thrower	$3,975
Hesston 10 Stack Wagon & Mover	$2,350
Brillion (2) Pulverizer Extensions	$199 Each
IH 710 4 Btm. 18" Plow	$3,300
JD F130 5 Btm. 16" Plow	$695
JD F145 5 Btm. 16" Semi-Mtd. Plow	$695
JD 100 Chisel Plow 12' w/Gauge Wheels	$1,175
Martin 1666 Scavenger Spreader	$1,400
Cagle 1000 Gal. Sprayer, Elec. Controls, Pump	$3,250
JD 35 Loader, Hyd. Bucket For 430	$795

Gutshalls, Inc.

Carlisle	Loysville
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USED EQUIPMENT

TRACTORS

JD 2750, MFWD, Cab, 750 Hrs.	Coming In
JD 4020	$ 7,900
JD 2020 w/145 Ldr.	Coming In
JD 855 w/MFWD	Coming In
JD 4010	$ 5,500
Case Skid Ldr. Model 1737S	$ 3,900

COMBINES

Waiver On Used Combines Until 9/1/91

JD 6620 Side Hill	$33,000
JD 4400	$ 7,000
IH 1480 Rotary	$25,000
MF 760 w/Heads	$ 9,900
JD 215 Flex Head	$ 4,900
JD 653A Row Crop Head	$ 7,900
JD 444 Corn Head	$ 4,400
JD 443 Corn Head	$ 4,500
JD 244 Head	$ 2,800
White 8900 Storm Damage	
White 8600 w/2 Heads	$10,900
White 846N 6R Corn Head	Coming In
White 844W 4R Corn Head	Coming In

PLANTERS - DRILLS

JD 8300, 21x7	$ 3,900
JD 7200 12 Row Flex-Fold	$29,000
Krause 5200 No-Til Drill	$10,900
Tye 10' No-Til Drill	Coming In

TILLAGE

JD 2500 6/18 Spring Reset Plow	$ 3,500
JD 1710 Mulch Tiller	$ 2,800
JD 1600 14' 3 Pt. Chisel Plow	$ 2,800
JD 1610 10' Chisel Plow	$ 2,000
JD 1010 18' Field Cultivator	Coming In
JD 48 Loader	$ 1,400
JD 148 Loader	$2,200

HAY & HARVESTING

JD 530 Round Baler	$12,500
NH 275 Baler w/54A Ejector	$ 2,900
JD 35 Harvester, 2R 30" Head	$ 2,900
IH 720 Harvester w/2 Heads	$ 2,500
NI 324 Corn Picker w/329 Sheller	$ 3,700
JD 1209 Mo/Co	$ 1,800
JD Running Gear and Hay Rack	$ 900
Grimm Super 8' Tedder	$ 1,295
JD 200 Hay Stacker	$ 1,700
JD 40 Manure Spreader	$ 1,800
NH 851 Round Baler	$ 3,900
JD 214 Forage Wagon	$ 1,500

NEW EQUIPMENT

New Combines In Stock:
4435, 9400, 9500, 9600
New Heads:

913 Flex Head	920 Flex Head
915 Flex Head	443 Corn Head
918 Flex Head	643 Corn Head

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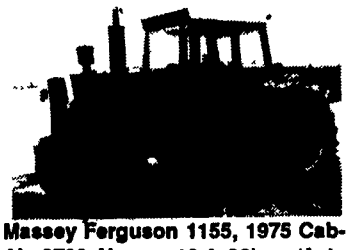
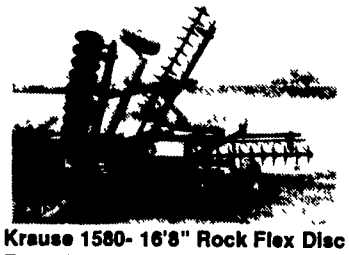
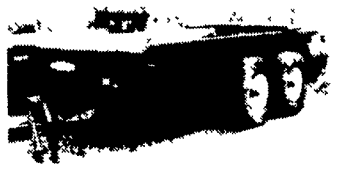
WOODS



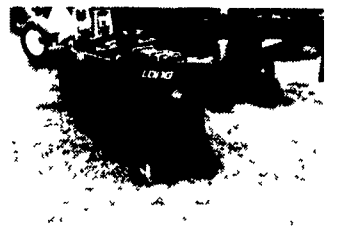
Massey Ferguson 1155, 1975 Cab-Air 2733 Hours, 18.4x38's w/Axle Duals, Dual Remotes, Weights, 140 HP.



Krause 1580- 16'8" Rock Flex Disc Front Blades 18" Rear Blades 19", 9" Spacing.

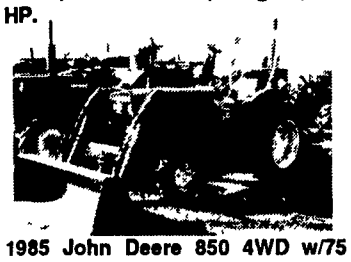


New Idea 218 Tandem w/Hydraulic Gate, Very Good Condition.

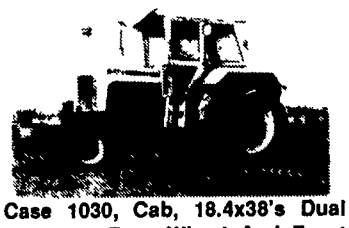


NEW! Long Nu-Way Swing Plow Available In 3, 4 & 5 Bottoms.

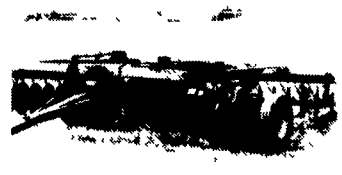
John Deere 4020 Gas, Side Console, Powershift, 2 Remotes, Front Wheel Assist, 18.4x38.



1985 John Deere 850 4WD w/75 Loader, 320 Hours, 22 HP, Very Nice.



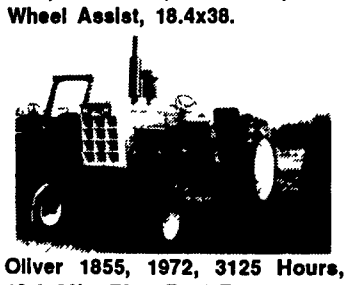
Case 1030, Cab, 18.4x38's Dual Remotes, Rear Wheel And Front Weights, 101 HP.



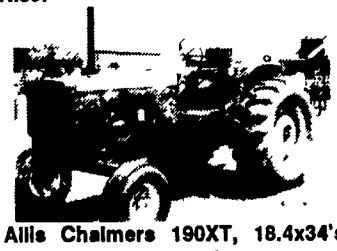
Kewanee 13' Rock Flex, Front Blades 17" Rear Blades 18", 8" Spacing.

Ford 3000 Diesel, 4WD, 3 Pt., PTO, 8 Speed.

$6,900

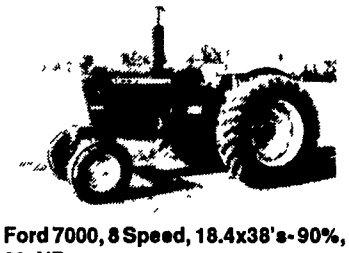


Oliver 1855, 1972, 3125 Hours, 18.4x38's, 70%, Dual Remotes, 98 HP.

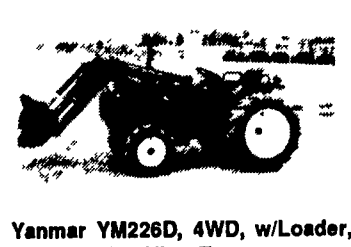


Allis Chalmers 190XT, 18.4x34's Dual Remotes, 77 HP

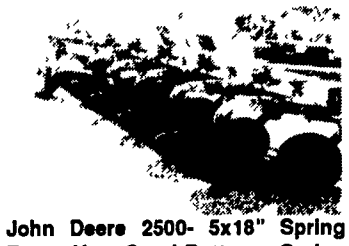
Price $4,900



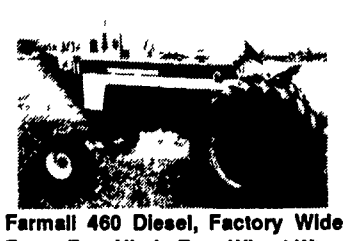
Ford 7000, 8 Speed, 18.4x38's-90%, 83 HP.



Yanmar YM226D, 4WD, w/Loader, Power Shift, Nice Tractor.



John Deere 2500- 5x18" Spring Reset, Very Good Bottoms, Spring Coulters And Coverboards.



Farmall 460 Diesel, Factory Wide Front, Fast Hitch, Rear Wheel Wts., 50 HP.

FARM TRACTORS

JOHN DEERE

4440 Cab, Air, Quad Range
4430 Cab, Quad Range
4430 Quad Range
1985- 850- 4WD w/#75 Loader
2010- Gas-WF Row Crop $3,250
4020 Cab, Powershift
4020 Powershift, 4WD, Gas Console

INTERNATIONAL

(2) 986, Cab, Air
84 Hydro, Loader Available
1256 With Duals
826, F.H., 2 Remotes
1980- 686 15.5x38's.....$6900
140 With 5' Woods Belly Mower, Good Condition.....$4900
140 Hi Clear With Side Dressers, Good Condition.....$4900
140 Fast Hitch, Very Nice Condition, 1X Plow & Snowblade & Cult., Available.....$4500
184 Cub Lo-Boy With Loader And Woods L-59 Belly Mower.....$4250
(2) Super A.....$2900
Cub Yellow & White With 1000 Loader.....$3200
460 Diesel, WF.....$3250
2424 w/Sickle Mower $2900
1066 Red Cab ..... Coming In

LONG

New 2360, 4WD, 35 HP
New 2460, 4 WD w/Loader 42 HP
New 2510, 4WD, 48 HP
New 2610, 4WD, 64 HP
New (4) 310, 4WD, 28 HP

OLIVER

1855 w/Cab.....$7900
1855, 18.4x38's.....$6900
1950 w/GM Diesel, 18.4x34's, Rear Wheel Weights.....$6500

OLIVER

1900 GM Diesel, 18.4x34's Rear Wheel Weights $4500
1800 Gas, NF, 18.4x34's, Front Weights.....$3900
MM 335 w/Snow Blade.....$1500

ALLIS CHALMERS

220 Cab, Front Weights
185, 18.4x28's, 2 Remotes, Front & Rear Weights $7900
190XT, 18.4x34's, 2 Remotes $4900
D-14.....$1900
D-17 Gas WF w/Loader

FORD

TW15 Cab, Air, Low Hours, Nice
1988- 5900 16.9x30's, 2 Remotes, Under 100 Hrs., Like New
1985- 3910- 4WD, Low Hours
7000 Diesel, New Tires
3000 4WD, 13.6x28's, 7.5x20's, 3 Pt., PTO.....$6900
4000 SU Diesel 8 Spd.
8N, Nice Condition

MASSEY FERGUSON

178 Diesel, 13.6x36's, 948 Hrs.....$7900
165 Gas, 16.9x28's, Multipower, 2 Remotes.....$5500
1105 w/Cab
1155 w/Cab, Duals

CASE

1030-Cab.....$6900
1030 Cab, 18.4x34's, Rear Wheel Weights $5900

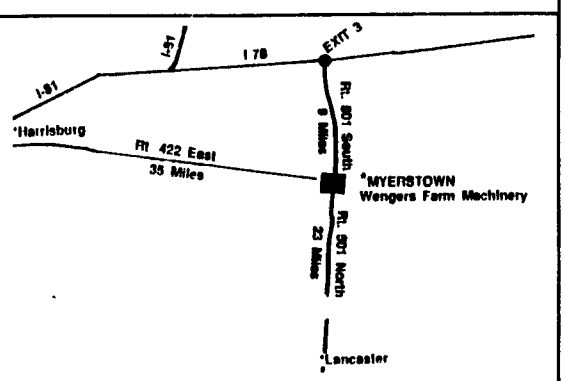
SKID STEER LOADERS

NH L555
John Deere 675B Low Hours

OTHER NAME BRANDS

Jacobsen F-10, 7 Gang Mower
Yanmar YM226D 4WD w/Loader, Nice

If What You're Looking For Is Not Listed, We Can Find It For You. CALL US!



TILLAGE

MF 880 6X 18" Spring Reset On-Land
JD 1450- 6x18" Trip
JD 2500- 5x16" Spring Reset
JD 8450- 4x18" Rollover 3 Pt. Plow
IH 550- 5X- 14" Cushion Trip
IH 710- 5X- 16" Spring Reset
IH 720- 6X- 16" Spring Reset Detachable 6th Bottom
IH 720- 6X- 18" Spring Reset On Land Hitch-
JD 1450- 4X- 16" Cushion Trip
White 348 4x16 3 Pt. Plow
White 508 4x18" Spring Reset
White 508 5x16" Spring Reset
White 548 6x18" Spring Reset Detachable 6th Bottom
Oliver 508 3x16 Spring Reset
MF 880 6X- 18" Spring Reset
White 6342 4x16" Rollover On Land
White 4X Rollover Plow
Ford 2X Rollover Plow
(3) JD 3X 3 Pt. Plows
JD 4x14- 3 Pt. Plow
Ford 3X Plow Auto Reset
MF- 3X 14- 3 Pt. Plow
IH 2X And 3X Trailer Plows
JD 3X Trailer Plow
2X And 1X Plows
Glenco 14 Shank- 3 Pt. Chisel Plow
JD 12 Shank Pull Chisel Plow
JD 10 Shank- Pull Chisel Plow
IH 10 Shank Pull Chisel Plow
IH 5000 10' Vibra Chisel
Taylorway 10' Chisel Plow w/Coulters Nice
JD 1710- 10' Mulch Tiller
MF 9 Shank Chisel Plow 3 Pt.
Pico 9 Shank, 3 Pt. Chisel Plow
Paulk- 7 Shank Chisel Plow
Taylorway 7 Shank 3 Pt.- Chisel Plow
Brillion 7 Shank 3 Pt. Chisel Plow
Buster Bars 7',12' & 20'
Krause 1580- 16'8" Rock Flex Disc
Krause 21' Wing Disc
Krause- 11' Disc
IH 370- 12' Finishing Disc
JD 13' Disc
JD 310- 14' Disc
Kewanee 13' Rock-Flex Disc
Bush Hog 10' Offset Disc
JD 8' Offset Disc
AC 8' Wheel Discs
IH 37- 13' Wheel Disc
IH 5'- 1 Pt. Disc
Brillion 18' Pull Field Cult.
Kewanee 13½ ' Pull Field Cult.
Brady 17' Pull Field Cult.
JD C11- 12' or 15'- 3 Pt. Field Cult.
Glenco 10' Or 13'- 3 Pt. Field Cult.
JD RM 8X 36
JD RG-6- 3 Pt. Cult.
IH 53 6RN Cult.
Super A Cult.
JD- 14' Pull Type Rotary Hoe
King Kutter 50" Rototiller
JD 10'-12' Cultipacker
Bearcat- 12' Cultipacker- New
Brillion 14' Crowsfoot Cultipacker
Brillion 11'-13' Cultipacker
Dunham 10' Cultimulcher
IH 12' Cultimulcher
Brillion 12' Cultimulcher

HAY EQUIPMENT

JD 3960 Harvester w/2 RN Cornhead
(2) NH 846 Round Balers
Deutz-Allis- SM-70RC Discbine
(2) NI 279 Cutditioners
(2) Bale Wagons
JD 450 7' Pull Sickle Mower
IH Pull Type Sickle Mower
NH 707 Harvester w/Corn Head
Pequea 710 PTO Hay Tedder- New
NH 258 Hay Rake- Nice
JD Hay Rake
NI 272 Cutditioner
NH 467 Haybine
Gehl Forage Wagon 3 Beater w/Roof
NH 451 3 Pt. Sickle Mower- 7' Bar
JD 336 Baler w/Ejector

NEW EQUIPMENT

- King Kutter Scraper Blades 6' And 7' Heavy Duty 7' And 8'
- King Kutter Scraper Blades 6', 7' And 8'
- King Kutter Post Hole Diggers 6", 9" and 12" Augers
- King Kutter Discs 5½ ' And 6½ '- 3 Pt.
- King Kutter Grading Boxes 4', 5½ ', 6', 7' & 8'
- King Kutter Stone Rakes 4', 5', 6', 7' & 8'

Cornshellers- 3 Pt. And Pull Type
Hay Tedders- 9'- 3 Pt. Or Pull Type
Hay Wheel Rakes- 3 Pt.
Seeders- Broadcasters- 3 Pt.
Cultivator 1 Row- 3 Pt.
Potato Diggers 1 Row- 3 Pt.
Ag-Tech Preseeder
Shaver Post Driver HD-8
Cement Mixers-3 Pt.
10' Pasture Drag
Woodsman- 3 Pt. Saw

MISC. EQUIPMENT

Heads- NI 766- 6' Pickup
IH 810 13' w/Floating Cutterbar
NH 960 13' Platform
NH 960 15' Platform w/Floating Bar
JD 443 Corn Head
JD 343 Corn Head
JD 243 Corn Head
1X Flat Trailers
(3) Richardton Hi-Lift Dump Wagon
(5) Bin Wagon On Gear
Bearcat 6 Ton-8 Ton Gears On Rubber- New
65 Gal. 3 Pt. Sprayer- New
Kuker 400 Gal. Sprayer, Cent. Pump- 30' Boom
NH 305 Side-Delivery Manure Spreader- New
NI 10 Manure Spreader
NI 18 Manure Spreader
NI 218 Tandem Manure Spreader
(2) JD-N Manure Spreader
(2) Cub Manure Spreader
Brillion 8' Seeder
Rock Picker
(2) 3 Pt. Transplanters
JD 8300- 23x7" Grain Drill
Crust Buster- 3 Pt. Grain Drill 20x7" DD
JD Loader, 148
Kubota 1640A Loader
IH 2200 Loader
New- Ford 770A Loader
(5) Set Of Duals-Various Types- Including 20.8x38- New
(16) Manure Forks
Cabe- AC 7000, Case 930
Wood Chipper- Royer, 3 Pt., 8"
United 14' Stalk Chopper
NI 310- 1X Cornpicker
JD 7200 Max Emerge 2- 4 Row

ROTARY MOWERS

Woods RM48
JD 606- 6'
Ford 909- 5' Pull Type
Bush Hog- 6'
13' Batwing Mower
- King Kutter Rotary Mowers- New 4', 5' And 6' 3 Pt. And Pull Type
- King Kutter Finish Mowers- New 4', 5', 6' & 7'- 3 Pt

Servis- 15' Wing Fold
Woods New 121 Twin Cadet- 10'
Woods New L59 5' Mid-Mount

NI PTO Manure Spreader, No. 15-3 beater, 90 bu., $600. 301/898-7426.

Old Farm and Construction Toys, Trucks, Literature, Signs, Pedal Tractors, Advertising Memorabilia, etc. for sale. $5.00 for 50 page list. Shown by appointment. I Buy-Sell-Trade. Lloyd J. Wenger, 831A Hilltop Rd., Myerstown, PA 17067. 717/866-7147 evenings.

TIRONIE'S TARPS. SHIPPED ANYWHERE. 1-800-874-2928.

TL20 AC rubber tired loader, recently rebuilt, 4WD, 1½ cu. yd. bucket. 717-352-7371.

Uni loader Owattana 440, hydrostatic drive, good condition, $3,800.; JD 3960 harvester w/pickup head, $5,800. 717-733-0575

SWEET CORN TRACTORS, 6 ft. High Row Clearance. Build into a Sprayer/Harvester. Used from $1,800. Market Farm Implement 814/443-1931.

Sweet Corn Picker, 1 row Byron Model 103, with stalk injector and fan, tractor mounted. Also 2 wagons. 301/253-4556.

VEGETABLE WASHING and Packing Equipment from $1,400. Now booking orders. Limited Supply. Book before Spring. Market Farm Implement 814/443-1931.

WANTED: NH fine litter pans w/hardware to fit 519, 679, 520 & 680 spreaders. 717-949-3074 or 703-879-9926

SKID STEER LOADER, NH L555, low hrs , $6,800. 301-833-9091

SKID STEER CASE 1845 w/tree shear, bucket & trailer, $7,000. 301-833-9091

Rebuilt 404 diesel engine for JD4020, ready to go. Will sell or trade old engine. 717-597-5623.

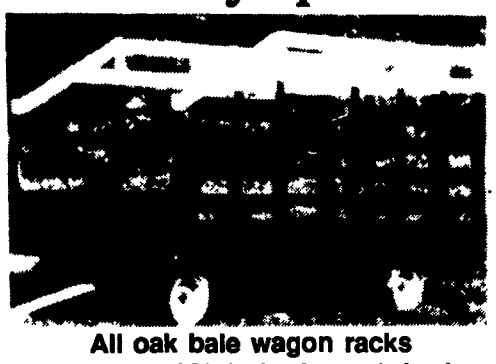
Oliver OC6 crawler tractor, also, Myers 7' blade with tractor atachment. 215-298-2993.

P600-2 17hp Petter diesel, excellent condition, 1 year old. Christ K. Stoltzfus, 234-C NHarvest Rd , Ronks, PA 17572.

Pair 18.4x34 radial tires on JD rims, like new, $650. Taneytown Farm Equipment 301/775-0266.

PLOW 4x18, hydraulic reset, semi mounted, JD 2500, on-land hitch. $2,800. 301/898-7426.

February Special



All oak bale wagon racks
More than 300 bolts in each body

18'L-9½ 'W-7½ 'H 8 ton gear 11L tires & tubes	$1350.00
No Paint	$1,300.00
18'L-8'W-7½ 'H Painted	$600.00
No Paint	$555.00
16'L-8'W-7'H Painted	$500.00
No Paint	$460.00
8 Ton Gear, No Tires	$450.00
Set of 11L Tires & Tubes	$175.00
Extension Tounge Extra	$25.00
18 Ft. Oak Bed Painted	$255.00
16 Ft. Oak Bed Painted	$195.00

Ivan Z. Hoover
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Ephrata, PA 17522
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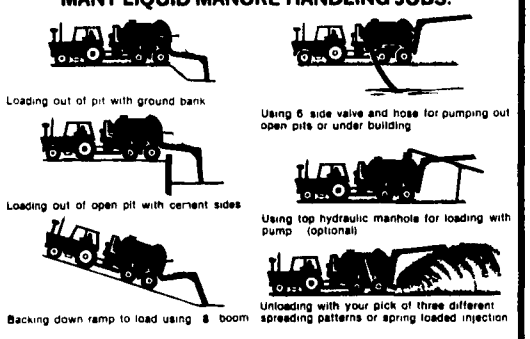
THE 2900
SLURRY BUGGY

HAUL LIQUID MANURE ALL DAY WITHOUT GETTING OFF THE TRACTOR SEAT USING THE SLURRY BUGGY EASY LOADER.
THE SLURRY BUGGY IS DESIGNED FOR YOUR MANY LIQUID MANURE HANDLING JOBS.


Loading out of pit with ground bank
Using 6 side valve and hose for pumping out open pits or under building
Loading out of open pit with cement sides
Using top hydraulic manhole for loading with pump (optional)
Backing down ramp to load using 8 boom
Unloading with your pick of three different spreading patterns or spring loaded injection

We Have Spreaders To Rent - 1500 & 2900 Gallon
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SLURRY BUGGY EQUIPMENT COMPANY

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JD F145, 5B Plow, $1,400
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JD 950 2WD w/72" mid-mower, $6,500
JD 4030 tractor dsl open station, 2WD rebuilt & painted, $12,500
Caterpillar 922 4WD, rubber tired loader, $10,500
JD 855 4WD w/70 ldr., 800 hrs , turf tires, $10,800
JD 1530 dsl., good cond., $5,500
JD 260 disc mower rebuilt
Tye Pasture Pleaser, 80" no-till grain drill, excellent and complete, pull type, $6,500
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B7100 Kubota dsl. w/48" mid mount mower
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670
755
855
955 MFWD
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450 10'

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JD 335
JD 375
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JD 1460
JD 1219
JD 1600, 12' & 14'

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JD 1008
JD 503

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JD 245
JD 175
JD 146
JD 95 Blade
JD 65 Blade

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NEW
440 B 743
642 B 753
743 B 943
843 B

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JD 2440
JD 4040 Tractor
Ford 9600
JD 720 Dsl
Farmall M w/Ldr
JD 38 w/Heads
NH 890 w/2RW
NH Direct Cut Head
NH 27 Blower
JD 24T w/30 Ejector
JD 24T w/#2 Ejector
JD 7000, 4RN Liquid
Bobcat 743
IH 4130 Skid Steer Loader
Pittsburgh 4B Plow
JD 88 Blade
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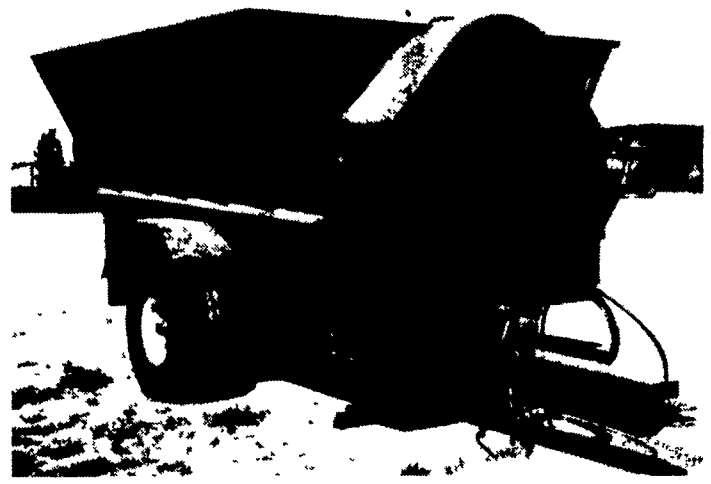

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Ford 8000 DP w/773 Loader
Ford 7700 4WD Cab, Dual Power
Ford 7610 4x4
Ford 6600 w/Dual Power
Ford 555B 4WD, Loader Hoe
Ford 515 Dsl., Loader, Backhoe
Ford 3600 Dsl., PS, w/Canopy
Ford 3000 w/Blade
Ford 3000 Dsl., 8 Speed
Ford 2110 2WD, PS, 800 Hrs.
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Ford 1510 4WD w/Loader
Ford 1320 2WD, PS, 75 Hrs.
Ford 1310 4x4 w/Loader
Ford 1110 Hydro w/48" Mower
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IH 966, 2800 Hrs., new TA, clutch, rubber and paint.....$10,500
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IH 986 Cab & Air, Showroom Cond., 2200 Hrs.....$17,900
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JD 2355 MFWD SG Tractor
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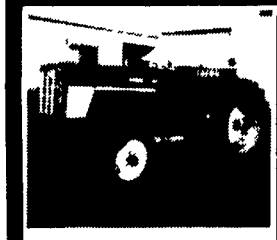
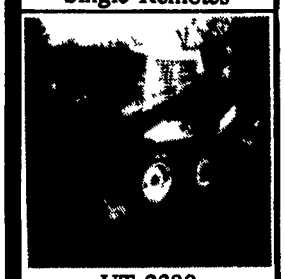


UT 2414
IH 574 Gas Tractor, 1972 Model, 2750 Hrs., 14.9x28 Rear Tires - 50%, 540/1000 PTO, Single Remotes



UT 2380
Gehl 3510 425 Hrs., Tires-80%, 54" Bucket, 27 HP Gas Engine, 850 Lbs. Lift Rating-
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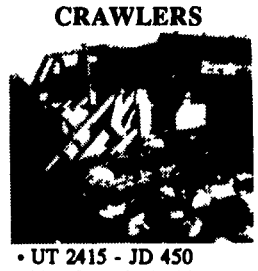

- UT 2415 - JD 450 New Pins & Bushings, Good UC w/Stand General Purpose Bucket Good Running Cond.
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UT 2419
IH 784 MFD Diesel Tractor, 265 Actual Hrs., 18.4x30 Rear Tires - 85%, 540/1000 PTO, Single Remotes, 2255 Loader w/84' Bucket -**LIKE NEW!**

UT 2420
IH 1066, 1974 Model, Factory Cab, Air-Heat, 3315 Hrs., 540/1000 PTO, Dual Remotes, 18.4x38 - 75%, 10 Front Wts. - **CLEAN!**

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(19) White 2-65 Tractor With Loader

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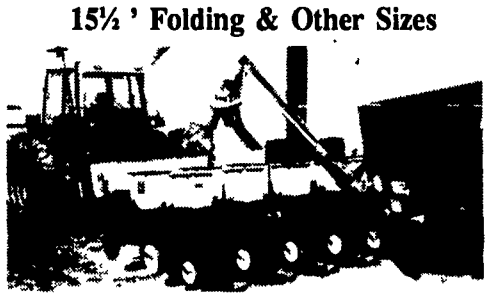
SAVE $$$ By Buying Your Fertilizer In Bulk By Using This Attachment On Your Truck

HYDRAULIC TRUCK AUGER 15½' Folding & Other Sizes



Or Pull This Gravity Bin With Auger Attachment Behind Your Pickup Truck And Fill Your Hoppers Without Lifting A Bag!

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd. • Lititz, PA 17543

(717) 626-4705

SALES — SERVICE — PARTS

Mon.-Fri. 7 AM - 5 PM; Sat. 7 AM-11:30 AM

Sun. Closed-Lord's Day

Located ½ Mile No. Of Rothsville

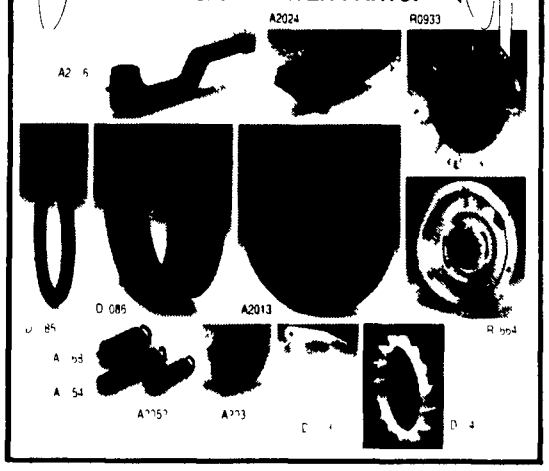
After Closing Emergency Parts Dept.: 717-626-0885 717-626-5159 717-859-8768

We've got your PARTS

Great Winter Bargains ... With Up To

30% SAVINGS!

ON SELECTED KINZE PLANTER PARTS!



For KINZE and John Deere® Planter Row Units And New Idea Built By KINZE

Save up to 30% from now 'til February 28, 1991

*12/1/90 prices U S dollars

KINZE

No.	Description	Regular*	Special
A2013	Opener Disc Assembly	$24 95	$20 95
A2024	Closing Wheel Arm	14 63	11 95
A2031	Soybean Feed Cup	8 51	6 49
A2052	Standard Down Force Spring	4 65	3 98
A2054	Closing Wheel Spring	6 46	4 99
A2068	HD Down Force Spring	9 95	6 97
A2116	Gauge Wheel Arm	10 75	7 99
D1040	Seed Belt	5 08	3 99
D1073	Soybean Seed Guide	2 99	2 47
D1085	Closing Wheel Tire	4 05	3 49
D1086	Gauge Wheel Tire	16 95	15 95
R0664	Finger Pickup Carrier w/brush	22 95	19 50
R0933	Finger Wheel Assembly	24 95	19 95

Not Only Do We Have Your PARTS

We Can Also Test Your Finger Pickup Row Units On Our Computerized Test Stand

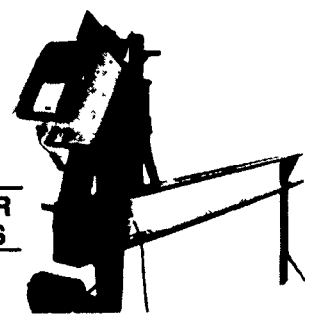
KINZE • JOHN DEERE • NEW IDEA • KINZE

HAVE YOUR CORN PLANTER READY FOR SPRING!

Now Testing KINZE • JOHN DEERE • NEW IDEA

Computerized Testing Means More For Your Money!

FINGER PICKUP ROW UNITS	ROW UNIT SEED COUNT SENSORS	PLANTER MONITORS



Drop Them Off Or Ship Them Into Us

WE REPAIR

AFTER ROW UNIT IS REPAIRED WE TEST RUN EACH ROW UNIT ON OUR COMPUTERIZED TEST STAND TO MAKE SURE EACH UNIT IS PLANTING TO MAXIMUM EFFICIENCY - THEN WE GIVE YOU A READ-OUT OF EACH ROW UNITS' PLANTING ACCURACY

NEW IDEA • KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN DEERE • NEW IDEA • KINZE • JOHN

SEE OUR PARTS DEPARTMENT FOR BIG $AVING$

During Open House - Tues., Jan. 29

BINKLEY & HURST BROS. INC.

133 Rothsville Station Rd. • Lititz, PA 17543

(717) 626-4705

SALES — SERVICE — PARTS

Mon -Fri 7 AM - 5 PM

Sat 7 AM-11.30 AM

Sun. Closed - Lord's Day

Located ½ Mile No. Of Rothsville

After Closing Emergency Parts Dept.: 717-626-0885 717-626-5159 717-859-8768

NOTICE ★ NOTICE ★ NOTICE ★ NOTICE ★ NOTICE

* DOOR PRIZES
* PARTS SPECIALS
* REFRESHMENTS

BINKLEY & HURST BROS., INC., LITITZ, PA
ANNUAL CUSTOMER APPRECIATION DAY & SEMINARS

TUESDAY, JANUARY 29, 1991

Dear Valued Customer:

This is your **personal invitation** to a **special event** at Binkley & Hurst Bros., Inc. Once again, we have put forth great effort to assemble an exceptional program format for our 1991 **CUSTOMER APPRECIATION DAY.** We have selected relevant issues for our seminars and the resource people we've been able to enlist are well informed concerning their respective fields of involvement.

The following itinerary is a guide covering events of the day, but many activities, displays and other items of general interest will be ongoing throughout the day and evening.

SPECIAL NOTE: The evening planter clinic will be very informative and helpful in the areas of setting, operation, maintenance and service. DON'T MISS IT!

7:00 A.M. Arrive at the Dealership early for parts specials before the rush. (coffee & doughnuts)

10:00 A.M. **SEMINAR I "TMR & TODAYS DAIRY HERD" RICHARD E. CARD, DVM**
Dr. Card and his Jefferson Laboratories, Jefferson, Md., have long been acknowledged by peers and area dairymen as having had major input on the dairy industry in the areas of precision wet chemistry analysis, milk production, and dairy herd health. This presentation is a "must see" for the successful dairyman.

11:30 A.M. **SEMINAR II "A LOOK AT LEASING" Ms. Jennifer Stafford**
Leasing is an option for you to consider seriously in 1991.

12:00 NOON Lunch - Visit company representatives and displays. Purchase Parts.

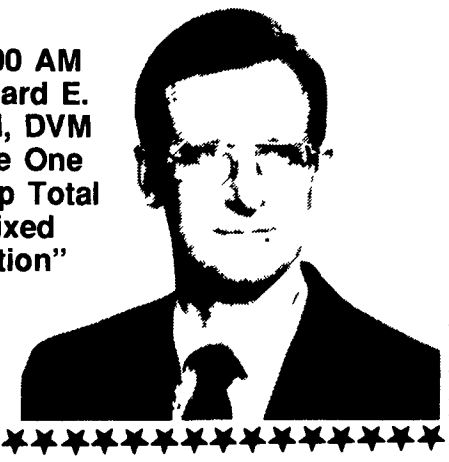
1:30 P.M. **SEMINAR III "THE ANIMAL RIGHTS ISSUE" KARL G. BROWN, PFA.**
All you need to know but have been afraid to ask about the animal rights "movement". If you raise livestock or poultry; if you enjoy hunting, fishing, or trapping or if you apply chemicals to your farm, you will need to know what's been happening across the country. Unfortunately, ignoring this controversial issue will not make it go away!

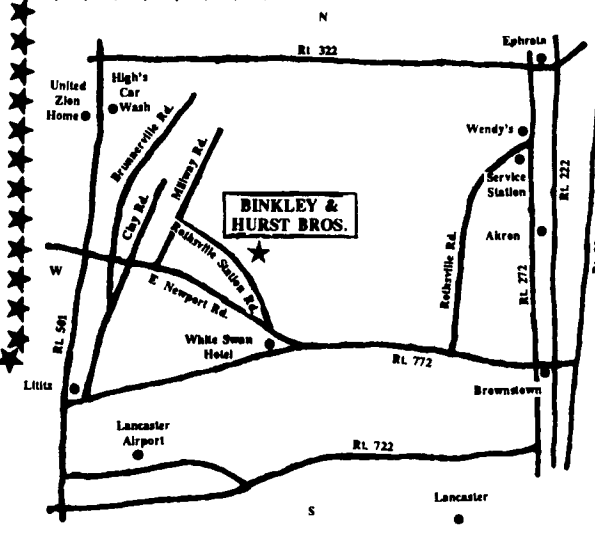
SPECIAL NOTICE * * * CALL FOR RESERVATIONS
7:00 P.M. — PLANTER CLINIC

ATTENTION: DEERE, NEW IDEA, CASE IH, KINZE planter Owners, and prospective planter purchasers
This planter clinic will be staffed by Kinze Mfg. Service and Product Specialists, dealership personnel and representatives from allied suppliers. S.I. Mfg., Yetter, Buffalo, Etc. Heavy emphasis will be given to maintenance, upkeep, service and proper setting of planters for optimum operation.

COME & SEE OUR NEW COMPUTERIZED FINGER-PICKUP METER TEST STAND IN OPERATION!

10:00 AM Richard E. Card, DVM "The One Group Total Mixed Ration"





PLAN NOW TO ATTEND!

FEATURING:

★ Get In The Seat & Drive The All New Case IH MAXXUM Tractor

★ New Automatic Reset Rollover Plows, Subsoilers, Centerline Square Balers,. 5300 Grain Drill, Round Balers

★ Case IH MAGNUM Tractor

★ Case IH Uniloaders

★ UNVERFERTH Finishing Tools

★ HUSKY Manure Tankers And Pumps

★ LH Manurigator Large Manure Reel Irrigation System

★ KINZE Planters: Assorted Configurations

★ SUNFLOWER®

★ GEHL Box & Scavenger Spreaders, TMR Mixers, Skid Steers, Grinder Mixers

■ Various Sizes Of Disc Harrows
■ Field Finishers
■ Coulter Chisels With Deep Till Attachments
■ Field Cultivators
■ Rippers

BINKLEY & HURST BROS. INC.
133 Rothsville Station Rd. • Lititz, PA 17543
(717) 626-4705
SALES — SERVICE — PARTS

Mon.-Fri. 7 AM - 5 PM;
Sat. 7 AM - 11:30 AM
Located ½ Mile No. Of Rothsville

Sun. Closed Lord's Day
After Closing Emergency Parts Dept.:
717-626-0885
717-626-5159
717-859-8769

★ RICHARDTON Forage Dump Wagons

Wind power 35/20, PTO alternator w/trailer, like new, used less than 100 hrs., $1,500. IH hydro 70, 2162 hrs. (717)648-0086.

WOODS BAT WING B320, 20', CV drive, demo unit, $8,000 301-833-9091

Vaccum pump 7&5HP, $500/ea; Bomatic claws 16 $50/ea; Complete Sunset tank washer $300/ea; Bomatic system washer $500/ea; S/S tub 16 place $200; S/S Tub 2-compartment $200; Refrigeration Compressers (2) $300/ea 5HP. 215-358-5914.

We specialize in flat belting, cut to order, baler throwers, self unloading wagons, long table blower belts. Franklin Co. 717-328-3591. If no answer 717-328-5603

White 2-155 cab, air, new paint, new engine, $15,900. (717)867-4896.

WHITE 2-150, CAH, rebuilt engine, excellent rubber, $6,500. 301-833-9091

Zimmerman 32' hay elevator, 1HP-motor, heavy chain, new 1990, $1,850. AC 701 kick bale wagon, $600. JD 965A treated lumber kick bale wagon, $800. 301/848-7902.

White-5400 Air Planter, No-Till, Liquid, 4-30's, $800. Bucks Co. 215/968-4808 nights.

Yes "13" JD 5830 & 5820 choppers, available from 393 hrs. Call Larry Stalter "The Chopper Man". 1-800-248-2151

USED TRACTORS

JD A, recent engine overhaul, nice
JD A w/Wide Front and 42" Rubber
(2) JD B w/Wide Front
JD G w/Wide Front, Needs Work. $850
JD R Hydraulics, PTO, Clean & Original..... $3900 Reduced $3500
JD GM..... $1,950
Ferguson TO-30 Runs Good..... $1,850

Selling Parts Off Of The Following JD Tractors:
A, B, G, GM, H, 70, 820, 430, 3010, 4010, 4020, **ALSO ENGINE PARTS:** 2030, 2840, 4430, etc.

FAHNESTOCK FARM SERVICE
435 S. Race St.
Myerstown, PA 17067
717-866-7066

WE BUY, SELL AND REPAIR JD TRACTORS AND FARM MACHINERY

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa
Phone 717-263-8424

TRACTORS

Kubota L-2000, Completely Reconditioned
David Brown 1212
MF 65 Tractor
Farmall Super A w/Cultivators

FORAGE

Assortment of Gehl 99 Forage Blowers
NH 27 Blower
Int. 881 w/3 Row Narrow Head & 6-Ft. Pickup
Gehl 940 Forage Box

MOWER CONDITIONERS

(2) Hesston 1014 Windrowers
Hesston 1010
Hesston 1085
Hesston 1090
Hesston 1091
Hesston 1095- Ex. Cond.
(2) Case 555 Mower Conditioners
Case 650 Self Propelled
Owatanna 9 Ft.
IH 1190 Mower Conditioner

PLANTERS

White 5100 Air Planter, 6-Row
White 5100 SOLD Planter, 6 Ro... Granular

MISCELLANEOUS

3 Axle Trailer
Hawk Bilt 2195 Spreader
NI 214 Manure Spreader
Hesston 5500 Round Baler
JD 10 Ft. Disk Harrow

SKID LOADERS & UTILITY

Case 580D, ROPS w/Extendahoe
Case 580C Loader/Backhoe w/ROPS
Case 580C, Cab & Standard Hoe
Case 1530 Uniloader
Case 1... SOLD ...niloader
Case 1845B Uniloader
Case 580K, 4WD, Extendahoe, w/4-In-1 Bucket, Ex. Shape
Ford 3400 Loader

LAWN & GARDEN

AC 10 HP w/Mower
Case 446 w/Mower
Woods RM48 Mower
Gravely 812 w/Mower And Cultivators
Satoh Beaver 370 Tractor w/Belly Mower and Front Blade
Gilson Lawn Tractor- Ex. Condition
Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
Ingersoll 114 — Like New
Woods 1... SOLD ...wing Machine

Sales, Parts And Service For...
★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

JD 4230
New Engine Overhaul,
Quad, Dual Outlets
717-597-5623

USED TRACTORS

WFE 60 356 hrs., mint cond.
WFE 80 4WD, 252 hrs.
JD 2510G, rebuilt engine
WFE 2-105

HARVESTING EQUIPMENT

JD 343 Corn Head
New Hay Tedders
New Bale Wagons
Used NH 890 Harvester w/5 Ft. Hay P/U & 2R Corn Head

NEW TRACTORS

80 2WD, Fender
125 2WD

TILLAGE

New WFE 508... SOLD ...semi-mou... plow
New Kewanee 12' 775 disc
New WFE 6342 3 btm. roll-over plow
New White 378 4RW Cultivator
New Kawanee 1175 disc, 18'
Used Oliver 3x16 Trailer plow
Used IH 710 7x16... SOLD ...low w/on land ...
Oliver 575 4x16 semi-mount plow
Oliver 6342 3-bottom roll over plow, nice
(2) Used Oliver 252 disc
Used Oliver 344 plow, 3x16, 3 pt.

PLANTERS JUST RECEIVED

4 NEW WFE 6100 6R Corn Planters
3 NEW WFE 6100 4R corn planters
1 - Used JD 7000 conservation 4R corn planter
1 - Used WFE 5100 6R corn planter
1 - Used IH 56 4R corn planter

MISCELLANEOUS

Set 18.4x34 duals
Complete JDM for parts
(1) Complete Rebuilt JD 4219 Dsl. Eng.
Set 18.4x38 Duals, 9 Bolt Hubs
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
1 Set of Pallet Forks

Notice
Open House
Feb. 4th to 9th
Watch future issues for details!

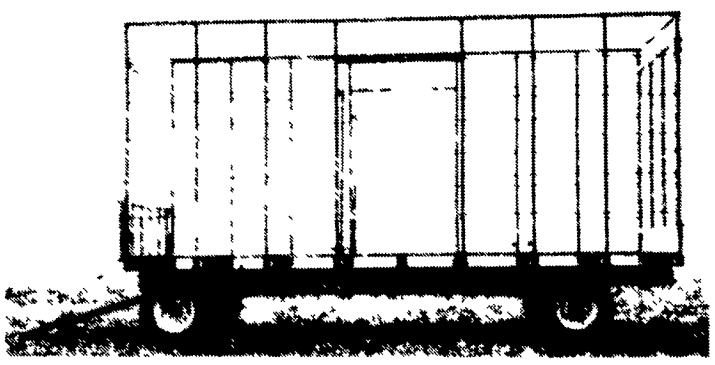
G & D REPAIR

Lancaster County's Only Factory Authorized White Farm Equipment Dealer!
Quality Is Our Game - Service Is Our Aim

Factory Trained Mechanics!
RD 5 Penryn Rd., Manheim, PA
717-664-2207
We Take Pride In Our Work!

All Trucks Equipped w/Two Way Radios
We Ship Parts Daily By U.P.S.

WELL BUILT Rack Wagons



8' wide; 8' high; 16', 18' & 20' lengths
9' wide; 8' high; 16', 18' & 20' lengths

Description & Material Used:

- Two 4x8 fur stringers
- 3x4x8' oak cross members bolted to the fur stringers
- 18 ft. wagons have 9 cross members and 20 ft. wagons have 10 cross members
- Oak flooring nailed to the cross members with screw nails
- Racks are made out of 2" square tubing - 14' guage - 1" square tubing between the uprights
- Swinging door at the back of the wagon; has quick release and swings 270 degrees one way
- Two 4' side openings with quick chain release
- Racks can be easily dismounted
- Painted John Deere Green or New Holland Red

10% Discount If Ordered By Jan. 31, 1991
Manufactured By:
Stoltzfus Mfg.
R.D. #1 Box 701, Honey Brook, Pa. 19344
215-273-2136 215-273-3603

For More Information Contact:

Clinton Tractor & Implement Co.
Clinton, New York
315-853-5701

James Bergen
Slate Hill, New York
914-355-4571

Rolf Greimsmann
Nicholson, Pa.
717-222-4432

Walnut Barn & Dairy Equip.
Port Royal, Pa.
717-436-9429

Derstein Farm Equip.
East Berlin, Pa.
717-292-1856

Binkley & Hurst Bros., Inc.
Lititz, Pa.
717-626-4705

Best Buys in Used Equipment

Case IH 7110 Magnum, 2WD w/720 hrs.

USED TRACTORS

Farmall C w/cultivator
Farmall Cub
Oliver HG
IH 3088
IH 3688
JD 2240
IH 986 w/cab, 1980, 1,850 hrs., real nice
Ford 2120 MFD w/170 hrs. w/Ford 7109 loader, excellent
Deutz D8006 w/1,200 hrs., real nice
JD 420 w/cultivator & plow

IH 3088, 570 hrs., excellent condition

USED EQUIPMENT

IH 963 corn head
Case 1845B skid loader
IH 1190 9' mower conditioner
Brillion 14' cultimulcher, like new
Ford model 142, 4 btm. plow w/auto reset
Ford model 140, 3 btm. roll-over plow
NI 323 1 row corn picker

Vicon disc mower conditioner, nice condition

Eckroth Bros. Farm Equipment

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

case IH

USED EQUIPMENT

Ford / New Holland

TRACTORS
(2) 8N Fords (L)
IHC 684 (L)
David Brown 990
Farmall M
Cub 154 w/Loader (L)
Oliver 550

FORAGE
NH No. 23 Blower
NH 30 Blower
NH 718 2-Row Forage Harvester
Gehl 72 6-Ft. Flail Chopper

SKID LOADERS
Case 1816 w/Dirt Bucket

TRACTORS DISMANTLED FOR USED PARTS
Oliver 550
Oliver 77
Oliver 1650
Oliver 1955
Oliver 1750

LAWN & GARDEN
Ford LT11 Lawn Tractor
Simplicity 4212 Lawn Tractor w/Mower
Cub Cadet 128 w/38" Mower
Cub Cadet 582 w/44" Mower

TILLAGE & PLANTING
IH 455 4 row Planter
IH 400 4 Row Planter
Oliver Drag Type Harrow
Oliver 242 Disk

HAY TOOLS
NH 499 Haybine (L)
NH 310 Baler w/Thrower
NH 275 Baler w/Thrower
NH 411 Discbine (L)
IH 440 Baler w/No. 10 Thrower
JD 10 Side Mtd. Mower
Ford 5 Ft. Rotary Mower
Farm Hand Rake

GRINDER MIXERS
NH 357

SPREADERS
IH 540 w/Hyd. Endgate

NORMAN D. CLARK & SON
Honey Grove, PA 17035
717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

2nd Location — Loysville, PA — 717-789-3117
(L) indicates equipment at Loysville location. (Formerly Shover's)

Congratulations to Geoff Brubaker
Columbia, PA, the winner of our drawing at the PA Farm Show
Weaver Distributing
717-865-7240

Oliver 1850 diesel, w/good rubber
MF 180 diesel, good condition
MF 175 diesel, 8 speed, good condition
MF 165, w/38" rubber, WF
MF 235 loader
MF rollguard w/roof
Ford 6700 rollguard
HD 3 pin scraper blade
JD 32' skeleton elevator, on wheels
Brillion 10' cultipacker, (2) 4' extension packers
3 pin 3 bottom plow
3 pin 2 bottom plow
MF Tractor Parts Dismantling: 20, 30, 35, 40, 50, 65, 85, 90, 150, 165, 175, 178, 180, 1080, 1130, 1135, 1150 w/cab

Jonas W. Nolt
403 Centerville Rd., Newville, PA 17241
717-776-6242 No Sunday Calls
No Out-Of-State Personal Checks

To Be At Beilers Feb. 22 Auction

Case C (above) unique 4 wheel drive appearance.
Also 1-10-20 McDeering on steel, nice metal - stuck
1 - 10-20 Orchard McDeering rough metal - runs
1 - W-30 McDeering on steel, overhauled 3 yrs. ago but now seized.
Questions (716) 392-7104

Smith's Implements, Inc.

12258 Buchanan Trail West, Mercersburg, PA
Phone (717) 328-2244 & 2226

John Deere

USED TRACTORS

Waiver Of Finance Til June 1, Of 1991 Upon Approval

JD 4430 w/cab, QR trans., 3700 hrs..... **Coming In**
JD 4250 Tractor w/Powershift trans. & cab, 1766 hrs., 4 yrs. old..... **Call For Details**
JD 4230 Tractor w/4 Post Roll Guard and Power Shift Trans..... **Call For Price**
JD 4020, Power Shift Trans., NFE, Good Cond..... **Coming In**
JD 4020 Tractor w/power shift, WFE, 4029 Hrs..... **Coming In**
JD 4240 w/4 post roll bar, QR trans., 3120 hrs..... **Coming In**
JD 3020 Tractor, dsl., WFE, syncro range trans., good cond..... **Coming In**
JD 2755 Tractor, 1987 model, factory cab, 4 WD..... **Call For Price**
JD 2440 Tractor, w/JD 146 loader w/2 buckets.. **Call For Price**
MF 20 Industrial Gas Loader Tractor w/cab enclosure, 3 PH 540 PTO..... ~~$5,250~~ **$4,650**

HAY AND FORAGE EQUIPMENT

Waiver of Finance 'til April 1st '91 Upon Approval

JD 5720 self-prop. forage harvester w/rotary screen, 4WD w/1554 hrs..... Call For Details
JD 5440 self-prop. forage harvester w/4WD approx. 1637 hrs..... **Call For Price**
(2) JD 3960 Harvester w/long tongue, 1000 RPM, Hydra. elect. controls..... **Call For Details**
JD 2RW Cornhead..... **Call For Price**
JD 1 row crop head..... **$75**
JD 5½ ' Pickup Head..... **$400**
JD 830 Self-Propelled Windrower w/12' Head.. ~~$3,600~~ **$3,100**
JD 344 Snapper Head..... ~~$1,600~~ **$1,300**
NH 316 Square Baler w/Ejector Type Thrower w/Electric Controls, 3 Yrs. Old, Excel. Cond..... **Coming In**
NH 495 12' Mower Conditioner..... **Call For Price**
IH 445 Square Baler w/#15 thrower (1984-85 Model)..... **$3,500**
JD 1209 Mower Cond. w/non-clog guards..... **Call For Price**
NI 702D Unisystem w/overhauled engine, 767 chopper unit and 6' grass head and 2 RW corn head..... **$4,900**
(2) JD 3RN Row crop head excell cond..... **Call For Price**
JD 216 wagon w/roof, 3rd beater, on JD 1275 tandem running gear..... **$1,800**
Gehl 910 forage wagon, roof, 3rd beater on tandem running gear..... **$1,500,**
JD 3970 Forage harvester w/metal detector and spout trac many extras..... **Call For Price**

MISCELLANEOUS

OMC 330 Mustang Skid Steer Loader w/2 Buckets, w/Engine Completely Overhauled..... ~~$3,995~~ **$3,750**
JD 110 Disk Harrow 12', excel. cond..... **Call For Details**
JD 950 Roller Harrow, 12' excel. cond..... **Call For Details**
JD Manure Fork to fit 240, 245, 260 and 265 ldrs..... **Call For Price**
JD chisel plow extension for 1600 mod. chisel plow

PLANTER

Waiver Of Finance Til April 1, 1991 Upon Approval

JD FBB Grain Drill w/Fert. Attach, Grass Seed Attach w/15x7 DD Openers..... **$1,395**
JD FBB Grain Drill w/single disc, fert. attach. and grass seed attach..... **$1,195**
JD 7000 6R conserv. planter, dry fert., Coming in..... **$7,250**
Littleston 10' No-til drill w/fert. and grass seed attachment, 3 years old..... **Call For Price**
Vermeer 1066, hay buster 12' no till drill..... **Was $4,900 Now $4,200**

COMBINES

Waiver of Interest Till Sept. 1, 1991

1990 JD 9600 w/4WD, 309 hrs., JD 920 flex cutter bar, JD 843 corn head
1979 JD 7720 w/Mud Hog drive, 216 flex cutter bar
1982 JD 8820 w/4WD, 1,965 hrs. w/222 flex cutter bar, JD 843 corn head
1982 JD 8820, 4WD w/218 flex cutter bar
1981 JD 8820 w/4WD, dual tires w/JD 220 flex cutterbar, 843 corn head
1977 JD 7700 w/216 flex cutter bar
1979 MF 550, 2,000 hrs., 14' floating cutter bar, 4 row wide corn head, excellent condition
JD 922 flex cutter bar
JD 218 flex cutter bar
JD 444 Corn Head, Hi-Tin
JD 643 corn head

TRACTORS

1970 JD 4020
1975 JD 4030 w/4 post
JD 850 compact tractor w/Woods mower
JD 3010 gas, WF
1990 JD 2555, 97 hrs.
JD 2940 Fender Tractor
IH 2656 hydro w/new 2250 loader
1972 JD 4320 fender
1989 Case IH 685 w/cab, front whl. drive, 700 hrs.
1983 JD 4450, cab, w/MFWD, power shift
1985 JD 4450, cab w/MFWD, quad range, 1,085 hrs., w/dual 18.4x38 tires
1985 JD 4450, 2WD, quad range, 2,100 hrs., 20.8x38 duals

MISCELLANEOUS

JD 1550 power till seeder
JD 1408 rotary cutter, like new
IH #60 flail mower, 14'
JD RG 4 row cultivator, (4 row wide)
JD 7000 4 row wide planter, dry fert., insecticide monitor
JD 12 row soybean special planter
JD 27 Flail Shredder
JD 265 loader
Dunham 14' Crowfoot Packer
Brillion 18' Gang Crowfoot Packer
Brillion 13'8 roller harrow
JD 340 disc, 14'
Brady field cultivator, 20'

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

John Deere

2449 SOUTH QUEEN ST (rear),
YORK, PA 17402
Interstate 83 • Exit 6E

Douglas EQUIPMENT & SUPPLY CO.

FAX 717/741-1518
717/741-2626
or 717/741-1797

Trojan 1900, GM Diesel, Full Cab & Heater, Exc. Rubber, Exc. Cond.
$12,500

Scramm Pneumatractor 125 Comp., P/S, Post Driver Attachment $4,500

Case W-18, full cab & heater, very good cond.
$18,500

Case 580C, full cab & heater, extend-a-hoe, 4 in 1 bucket, new tires, very good cond.
$13,500

Clark 45C, full cab & heater, GM diesel, exc. cond.
$18,500

1987 Case 580E Extend-A-Hoe, Wobble Sticks, Very Good Cond.
~~$22,500~~ $20,500

(2) Clark 45C, 4-53 GM Diesel, full cab & heater, 17.5x25 tires, 2 yd., exc. cond.
$18,500

9 Ft. Bin Type Hyd. Spreaders
$1,250
Also Tailgate Spreaders $500
9', 10', 11' Plows $1,000 Complete

FORKLIFTS
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RUBBER TIRE LOADERS
Ford 335, 3 pt., PTO, diesel, front loader, 1 owner..... $10,500

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Model 92, 4 cyl. water cooled, hydrastatic, good cond..... $6,500
240 w/front power broom, 2 cyl. Kohler..... $2,500

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Gallon 10-14T tandem, 6 cyl. IH gas, hydrastatic..... $5,850
Ferguson 9 wheel rubber tire roller Oliver gas..... Call For Price
Mauldin 3-5 ton w/towing package, hydrostatic vibratory, ex. cond..... $3,650
Raygo romper 2-36, vibratory, hydrastatic, Deutz diesel..... $4,995
Western 2 ton vibratory roller, Wisconsin gas..... $2,500
3-5 ton Littleford w/towing package, V4 Wisconsin..... $1,500

DOZERS
Terex 82-40 GM diesel, P/S, canopy, ripper..$16,500
Cat D4D, tilt blade, 1,600 actual hrs...$24,000/OBO

GRADERS
Huber F-1700 6V-53 Detroit, full cab & heater, power shift..... $11,500/OBO
Huber M-52 Maintainer, 4 cyl. cont., sideshift center blade..... $3,995

MISC.
Schramm Pneuma Tractor, 125 Comp. w/post driver..... $4,500
1989 Used custom 10 ton, air brakes..... $5,500
New Custom trailers in stock, 3 ton thru 20 ton..... Call For Prices
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New & Used Buckets

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Case 1845 Uniloader
Ford 3500 Loader
Satoh 650 w/Loader

IMPLEMENTS

NH 512 Manure Spreader
NH 1495 Self-Propelled Haybine, Dsl., Cab
NH 488 Haybine, 9' Cut, Rolls Excellent
NH 489 Haybine, 9' Cut
NH 273 Baler w/Thrower
NH 1495 Self Propelled, Gas, Vari Speed
NH 27 Forage Blower
NH 30 Forage Blower, 1000 PTO
NI 527 Disc Mower, 3 Pt. 7' Reconditioned
NI 214 Manure Spdr, 200 Bu., Endgate
NI 904 Corn Planter, 4 Row N, Extras
NI Flail Chopper, 5' Cut
NI 32' Elevator w/Motor Mount
JD 65 Forage Blower
JD 660 Manure Spreader w/Endgate
Gehl 99 Forage Blower
Gehl 2 Row Corn Head, Fits 600, 800 Harv.
Badger Forage Box, Roof, 3 Beater, Tandem
Kasten Forage Box, 2 Beater, No Roof
IH 800 Corn Planter, 4 Row
Glencoe 12' Field Cultivator
NI 323 Corn Picker
Hesston 10' Swing Frame
White 256 Disk Harrow, 13' Tandem
Oliver Superior Grain Drill, 12x7
Hardee Rotary Mower, 3 Pt. 5' Hydraulic Offset
Meyer 7' Snow Plow
Mighty Mac Skid Loader

ATTACHMENTS

Case 72" Material Bucket Fits 54 Loader (New)
Case Uniloader Buckets (Fit 1830-1835 Series)
NI Endgate For 352 Manure Spreader
White No-Till Planter Coulters (Set Of 6)

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Case IH 6' Scraper Blade, 3 Pt. Hitch ..... $ 325
Case IH 245 Tractor, 21 HP, 2WD $6900
Case IH 235 Tractor, 18 HP, 2WD $5600
Case IH 245 Tractor, 21 HP, 4WD $8500
Case IH 275 Tractor, 31 HP, 4WD $9900
Case IH 5100 Grain Drill 16x7 ..... $5300
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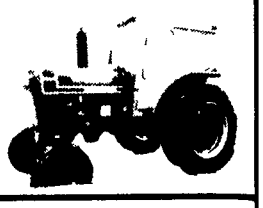

TORQUE AMPLIFIERS & CLUTCHES

★ New Wider Heavy Duty Super Sprag 1-1/32" Wide
★ 5 Yr. Warranty Against Sprag Failure
★ Introductory Price $695.00

We are pleased to announce a major improvement in TA strength & performance backed up by a warranty that is unmatched in the industry The 5/8" width Dana sprag which we have used over the past 10 years has proven its ability to perform under the most adverse of conditions and has achieved results that have sent our competitors scrambling to keep up By increasing the width of the sprag to 1-1/32" and caging it in a heavier frame, we now have an unmatched shock load capacity and dramatically raised our load carrying ability. Our studies have shown that 90% of TA problems are directly related to sprag failure We feel that we now have the strongest sprag & best rebuilt TA available and it will be warranted as follows:

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*2 ry - 100% parts & labor on remainder of unit
Our standard heavy duty TA is still available at $645.00 and caries a *2 yr. - 100% parts & labor warranty.
* Certain restrictions apply and there will be a maximum labor pay-out of $450 00
We also have units & parts available to rebuild old style TA's, including ramp & carrier sets
NEW price on ramps & carriers - $200 00

QUALITY USED PARTS

We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 560, 966, 1468, 1566
IH 416, 460, 706, 806
IH 404, 986, 884, 826
IH 1066, IH 340, IH 986
IH 915 Combine
JD 6620 Sidehill

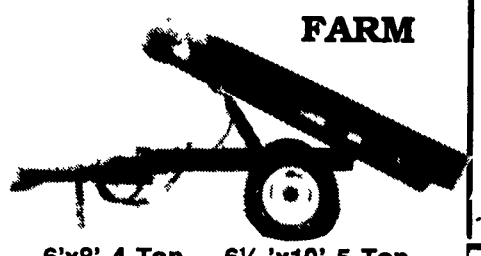
USED TRACTORS

JD 4840 PS cab, air, new 18.4x42 tires $24,500
JD 4640 1981, PS, cab & air, duals and weights, 3700 hours, exc. cond. $30,000 reduced
JD 7520 cab, air, 3 pt. PTO 18x38 tires, very nice condition $15,000
IH 1066 w/year round cab, 3600 hrs., good original condition
IH 1456, 3 pt. dual valves, dual PTO, good condition - Rebuilt TA
IH 856 new TA 3 pt. wide front 38" Tires, very nice
IH 786 diesel 3100 hours, good condition
IH 784 diesel 18x30 tires, 3000 hours
IH 240 w/3 pt., very nice
Ford 7710 1982 model, cab & air, dual power, load monitor, good condition
Ford 4110 w/hyd. blade & turf tires
1987 Case, 1594 Row Crop Tractor, 12 sp., PS, ROPS, 12.4x42" Tires, Excellent Vegetable or Spraying Tractor
Cat model D4-6U Series, w/pony motor and hyd., good condition, tracks 80%
IH Model 2355 loader, excellent condition w/66 series mounts
Westendorf model 42 loader IH mounts w/ self leveling, new
IH model 720, 5x18" toggle trip plow, used under 200 acres, $3,650
5th wheel type, 3 axle gooseneck trailer w/ ramps, 22' deck, good condition
Several cabs to fit IH tractors from $50-$500
IH 3588 2+2, good condition, coming in SOLD

Available
JD 4850 MFWD, 1450 hours, excellent
1989 JD 8960 PS, w/1400 Hours 20x42R and duals, 3 Pt. $87,500
1987 TW 35 Series II, Mechanical Front, Cab, air, duals, 1700 hrs.
1985 Case, 1594 MFWD, ROPS

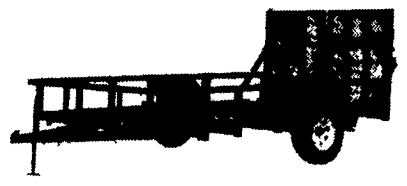
Combines And Heads
MF 13' Grain Platform
Uni System 717 Combine, 713, 716 G.H.
JD 15' flotation bar heads
UNI 744 cornhead
JD Model 443 corn head, exc. cond. lo-tin
JD 444 corn head, lo tin, good shape

FARM

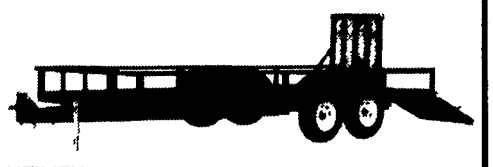


6'x8' 4 Ton 6½ 'x10' 5 Ton

Also Available In 4x8 1500 lb. GVW 8" Tire



UTILITY (Tilt Model) - AVAILABLE SIZES· LENGTH: 8 to 12 feet, WIDTH. 60 to 76 inches, GVW: 3,500 lbs.



UTILITY - AVAILABLE SIZES. LENGTH 12 to 20 feet
WIDTH· 76 to 81 inches, GVW: 7,000-12,000 lbs.

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- Blades 5'-8'
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- Stone Rakes 4½ '-8'
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- Field Cultivators
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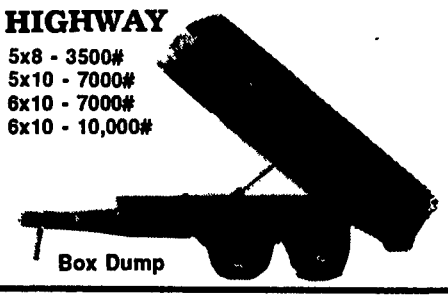
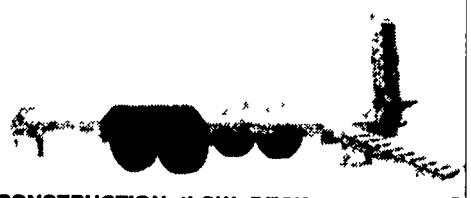


Box Dump



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- JD 4230 Powershift 4 Post Canopy
- JD 2355, 2WD, 1000 Hrs., Canopy
- JD 2350 4WD, 2075 Hrs.
- JD 245 Loader w/6' Bucket Incl. On 2355 4WD
- JD 1010 Tractor, Gas, Wide Front, 3 Pt. Hitch, PTO
- JD 950, 2WD, Ag Tires, 630 Hrs.
- JD 855 4WD, Loader, 80 Hrs.
- JD 850 4WD, Loader, 6' 3 Ph. Finish Mower, 150 Hrs.
- JD 850 Tractor, 139 Hrs., 2WD, Canopy
- JD 950 2WD, 630 Hrs.
- JD 40, Wide Front, 3PT Hitch, PTO
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- JD 346 Baler
- NI 279 Cutditioner, 540 PTO
- NH 411 Discbine, Rolls Good, Hyd. Tongue Pos., Hyd. Header Tilt
- NH 268 Baler w/Ejector
- NH 890 Forage Harvester w/5½ Pickup & 2 Row Wide
- NH 717 w/Low Profile 1 Row Corn Head 5' Hay Pickup & Direct Cut Hay Head
- NH 489 Mower Conditioner, Good Cond.

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- AC 333 4 Row, Air Champ., Dry Fertilizer
- AC 600 4 Row, Plate Planter, Dry Fertilizer, Fair Shape
- AC 600 9 Row, Plate Planter, 9 Row Monitor, Liquid Tanks
- JD 7000 Cons. Planter & 6 Row Narrow, Frame Coulters Liquid Fertilizer

COMBINES

- JD 6600 Side Hill Combine, Reconditioned
- JD 3300, Gas Combine w/10' Platform
- JD 4425, 400 Hrs., Also Loaded With Features
- JD 215, Flex Head, Black Reel
- JD 244 Corn Heads

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(2) Case 400 Hi Crop	Oliver 1550 Hi Crop
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Ford 2000-100 Hours	(2) Oliver 60
(2) Ford 8N- 1 Has 400 Hours	Oliver 66
Farmall 560- 1500 Hours	(2) Oliver Super 77
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	Oliver OC46 Loader

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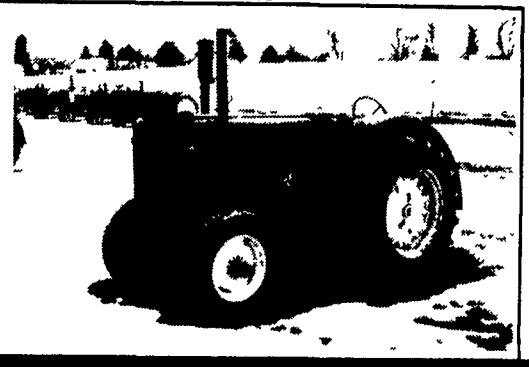

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- JD 8200 18 disc grain drill w/grass seed box
- JD 650 MFWD w/60" belly mower and loader
- AC 720 Forage Harvester, 2 R cornhead & 6' PU
- AC 6080 (1981) MFWD Tractor
- 12 Ft. Bushhog Tandem Disk, wheel lift
- 2R Braco Potato Harvester w/PTO Drive
- JD 4 RW Row Crop Cultivator
- IH 56 RR wide planter with dry fertilizer
- JD 1207 mower conditioner
- JD 210 Disc 12' wide, new blades
- JD 7000 4R planter w/liq. fert. and unit mounted coulters
- New Brillion 12' Flail Shredder
- 2 Row Champion Potato Harvester w/ motor
- Int. 303 Combine w/10' Platform & 2R cornhead

Best Buys in Used Equipment

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Steiger ST210 Tractor 210 HP Cat, Yr. 1976, 1389 Hr., 18.4x34 Tires (W5102)
JD 4630 Tractor, 1977 Yr. 6581 Hrs., 1000 PTO, 20.8x38 Tires (W5449)
JD 2440, 2WD, 15.5x38 Rear Tires, JD #48 Loader w/60" Bucket (W5490)
AC 440, w/Cummins 555 Engine, Quick Hitch, 28Lx26 Tires (W5406)
IH 966 Diesel, 8784 Hrs., 18.4x38 Tires (W5109)
IH 1086, With Cab, Duals, 20.8x38 Tires, 540/1000 PTO (W5103)
IH 706, Narrow Front, Gas, 18.4x34 Tires (W4312)
IH 5088, Turbo, 20.8x38 Tires, Cab (W4601)
IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10.00x16 & 20.8x38 Tires, Cab (W4038)
IH 5088 Tractor, With Duals (W4940)
IH 3514 Tractor Diesel, Cab w/Loader (W4936)
AC CA Tractor, w/6' Rear Mnt. Sickle Mower, 2 Bottom Plow (W5175)
IH 986, 18.4x38 Tires, 3 Remotes, 540/1000 PTO (W5089)
IH 966 Diesel, 18.4x38, 5787 Hrs., 2 Remotes (W4945)
IH 100 Hydro Tractor 10.00x16, 18.4Rx38 Tires (W5714)
IH F1206 Tractor, Gear, Fast Hitch (W5730)
IH 784 Tractor, 18.4x30, 9.5Lx15 Tires, Weights (W5732)
IH 806 Tractor Duals (W5731)
IH 884 Tractor, Diesel, Dual PTO, 7.50x18, 15 5x38 Tires (W5669)
IH M Tractor Cab, Gear, 1 Remote (W5734)
JD 4320 Tractor (W5553)
Oliver 1750 Tractor (W5564)
JD 4430 Tractor, 1975 Yr., 6 Cyl. Diesel w/Turbo Power Shift, 20.8x38 Tires (W5535)
Steiger ST300 Tractor 300 HP Cat, 3900 Hr., 20.8x34 Tires (W5087)
IH Model 1086 Diesel, 20.8x38, 3600 Hr. Gear And TA (W3500)
IH 5088 Tractor, 1981 Yr. 2653 Hrs., 6 Cyl. Diesel, 3 Rear Remotes, 18.4-38 Tires, Duals (5649)
IH 884 Tractor Yr. 1981 2437 Hr., 4 Cyl. Diesel, 3 Pt. Hitch, 540/1000 PTO 14 9x38 Tires (W4485)
Steiger ST251 Tractor, Diesel, Turbo, 20.8x38 Tires & Duals (W5762)
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Century 500G Sprayer, 35' Boom, PTO Pump, Plastic Tips (V3361)

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White Model 281 Disc, 10' Offset Rebladed (T5551)
Krause 4924 Disc 19" Blades, Rockflex (T5460)
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JD Packer 14', Gear Hitch, Smooth Packer Wheels (T5587)
IH 720-5B Plow, Auto-Reset Coulters (T5648)
Brillion 25' Packer w/Crowfoot Wheels, Has Cyl. & Hose (T5142)
Rhino F90 Disc, 21' Cut Spacing 9" Ft. 7½ RR, Blades 17½ Ft. 21" RR (T5271)
Krause 3 Row Mulcher (T5363)
Krause 3 Row Mulcher (T5598)
Krause 2416 Disc, Rockflex, Regreasable Bearings, Heavy C-Arms (T5538)
Oliver 253 Disc 13'6", 9" Spacing (T4968)
IH 710 Plow, 6-16" Coulters, Spring Trip Bottoms (T3699)
JD 235 Folding Disc (T4978)
IH 18' Field Cultivator w/2 Row Tine Harrow (T5046)
IH 370 Disc, 10' Cut w/17" Blades (T5052)
Krause 2413 22' Disc, As Is (T5107)
IH 475 Disc, 12' (T5114)
Brillion 22' Field Cultivator, Hyd. Fold (T5193)
IH 700 Plow, Semi-Mt. 5x16", Furrow, Cylinder (T4243)
10' Cultimulcher (T2929)
Brillion WP108 Packer, 23' Wing-Fold, 18" Wheels, Transport (T4425)
10' Peg Tooth Harrow With Transport (T4367)
Brillion Packer, 25', X-Fold (T5408)
Krause 2440 Disc, 26' Cut, Rockflex, 10" Spacing (T5127)
Krause 1425 Disc, 25', 8" Spacing (T4973)
Miller 10' Disc, Offset, Regreasable (T5542)
Taylorway 12' Disc, Offset, 24" Front Blades, (T5760)

USED MISCELLANEOUS

Case IH 3650 Baler, Round, 1000 PTO, Makes 1500 Lb Bales (U5738)
Victoria Auger, 8"x50' (V5788)
Allied Auger, 8"x65" (V5787)
Model 1310 Rhino Mower 13' 1000 RPM/PTO, Cyl. (U4740)
NH Model 315 Baler w/Bale Chute (U5178)
Great Plains Drill Hitch, Pull Type (V4330)
IH 440 Baler (U5269)
IH 3204 Disc Mower, 5' Cut, 540 PTO (U4544)
IH 47 Baler, 540 PTO, #10 Thrower, Runs (U4491)
Fox 656 Blower, 56" Fan, 540 PTO, Fair (U4281)
Westgo Rockpicker, Hyd. Reel & Dump (U5067)
Vermeer 504C Baler, Round (U5705)
Duals, 18.4x38 (W5284)
Duals, 20.8x38 (W5308)
Duals, 18 4x42 (W4609)
Balzer 8 Wheel Gear (V5173)
Hydr. Cart (U5593)
JD 1508 Mower, 1000 PTO 15', (U5715)
Woods L306 Mower (U5253)
Hesston 1090 Mower Conditioner (U5753)

USED PLANTERS & DRILLS

IH 510 Drill Single Disc, Grass Seed Attach (V5613)
Lilliston 9680 Drill, 18x7 No Till, Grass Seeder, Hyd Cylinder (V5549)
IH 510 Drill Single Disc w/Grass Seeder (V5550)
Krause 5213 Drill, No-till, Rear Wheel Attach., 10 00x15 Tires (V5492)
Case 17x7 Drill Single Disc, Cheap Drill (V4529)
IH 5100 Drill 21x7 Combination (V4955)
Great Plains 12' Drill (V5376)
IH 5100 21x7 Drill, Double Disc, Grass Seed, Excellent (V4567)
GP 12' NT Drill, 7.5" Spacing, No-Till Hitch, Mid Drill (V4607)
KR 5210 10' Drill, No-Till, 7" Spacing, Excellent Cond. (V4545)
IH 386 Planter, Planter Toolbar, 6x38", Good Toolbar (V9299)
JD 7000 Planter, 8 Row, Folding w/Markers (V4975)
JD 7000 Planter, 8 Row, Folding w/Markers (V4976)
IH 800 Planter, 6 Row Narrow (V5035)
JD 2 Row Planter, Pull-Type, Row Markers (V5594)

USED COMBINES & CORN PICKERS

IH 715 Combine Diesel, Gear, 18.4x26 Tires (U5763)
MF 550 Combine, Diesel, Hydro, w/Strawchopper, 15' Flex Platform (U5733)
JD 55 Combine, Gear, w/12' Rigid Platform, 3 Row Cornhead (U5604)
IH 1440 Combine 2760 Hrs., 28Lx26 and 11 00x16 Tires, Auto Header Control, AC/Heater (U4817)
MF 850, 3200 Hrs., 23.1x30 Tires w/1163 Cornhead, 9115 Flex Platform (U5459)
IH 1460, 1979 Model, Grain-Loss Monitor, 30.5x32 And 18 4x16 1 Tires (U4744)
Gleaner F2 Combine, Eng. Has 1503 Separator Hr 1041 #5634 4WD Corn Head #5635 13' Flex Platform (U5634)
MF 750 1978 Model Very Clean, Excellent Condition (U5559)
Case IH 1660 30.5Lx32, 18.4x16.1 Tires, Cab w/Air, Htr., CI Grain Scan, Feeder Reverser (U5568)
IH 715 Combine Gas, Gear, Cab (U4078)
AC Gleaner M Combine, Diesel, Turbo w/438 Cornhead, 13' header (U5702)
AC Gleaner FK Combine w/430 Cornhead, 13' Header (U5672)
III 1460 Combine 1983 Model, 3500 Hrs (U5595)
IH 715 Combine Diesel, Gear, 18 4x26 Tires (U3080)
IH 915 Combine Hydro w/Straw Chopper (U4851)
NI 1 Row Cornpicker (U5053)
NI 1 Row Cornpicker (U5735)
NI 2 Row Cornpicker w/314 Sheller (U5670)

Case IH

All New & Used Products Backed By Hoober Parts & Service

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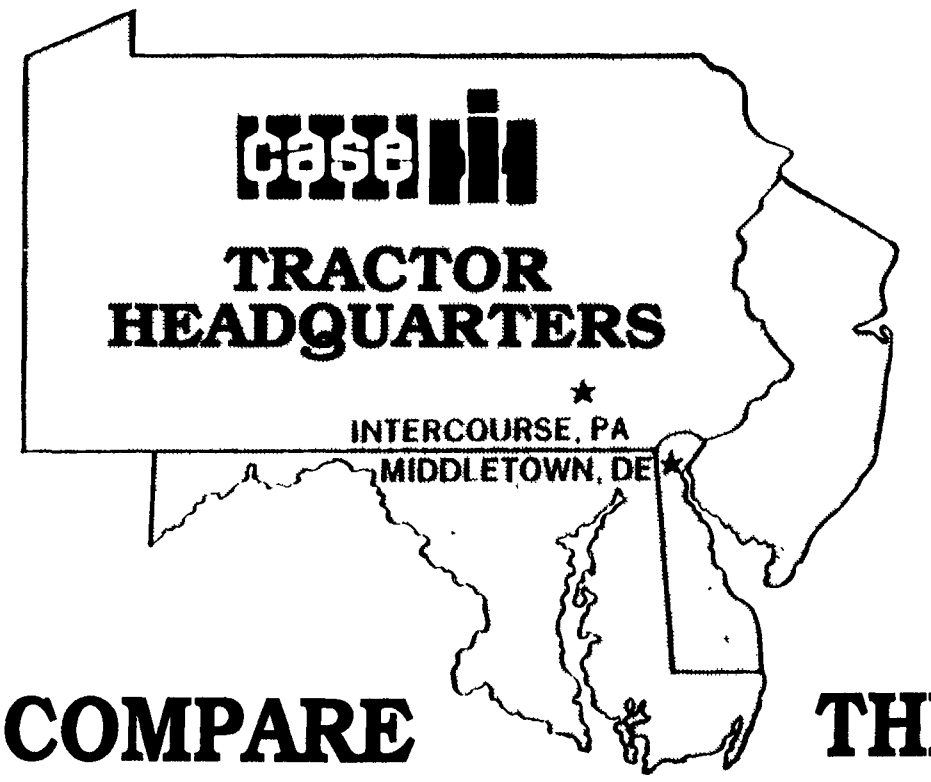
HOOBER
C.B. HOOBER & SON INC.
INTERCOURSE, PA

Case IH



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COMPARE THESE (4) FOUR CRITERIA:

PRODUCT...

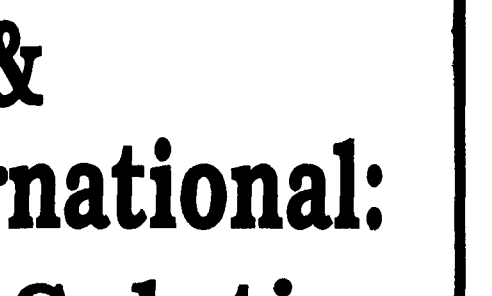
EXPERIENCE...

KNOWLEDGE...

PERFORMANCE...

PRODUCT Check These ALL-STAR Performers

- ★ Fargo Built 4 Wheel Drive Tractors
- ★ MAGNUM Tractors
- ★ MAXXUM Tractors
- ★ Axial Flow Combines
- ★ Early Riser Planters
- ★ Earth-Metal Tillage



EXPERIENCE 1989 Awards HOOBER Received From Case IH

#1 - Most Fargo-Built 4 WD Tractors Sold In North East U.S. (DE)
#1 - Most MAGNUM Tractors Sold In North East U.S. (PA)
#1 - Most Axial Flow Combines Sold In North East U.S. (TIE-PA & DE)

KNOWLEDGE HOOBER Mechanics Are Service SPECIALISTS

- ★ Axial Flow Combines
- ★ Balers
- ★ Fargo-Built 4 WD Tractors
- ★ Engines
- ★ Transmissions-Manual, Powershift & Hydrostatic
- ★ Diesel Injection Pumps

PERFORMANCE Judge For Yourself

1 - Identify Your Farm Machinery Problem
2 - Call HOOBERS To Help With The Solution
3 - Demonstrate The CASE IH Machine You Need In Your Fields
4 - Buy From HOOBERS For Your Complete Satisfaction

case IH

All New & Used Products Backed By Hoober Parts & Service

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C.B. HOOBER & SON
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OPEN HOUSE WEEK

February 4 to February 9

COME TO THE SAVING PLACE

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...EVERYDAY IS FARMER'S DAY
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Quality Old Fashioned Service —
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CASE IH AG TRACTORS

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* FARGO-BUILT 4 Wheel Drive 210-375

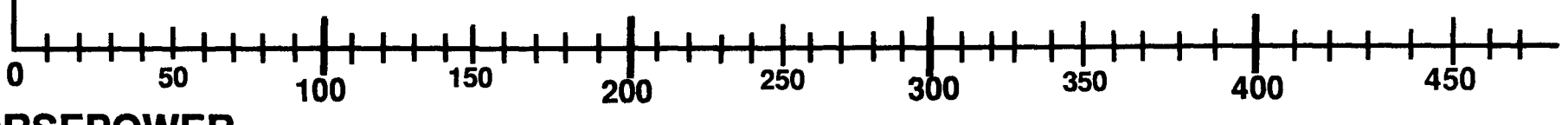
135-190 * MAGNUM

105-120 96 SERIES

75-95 * MAXXUM

35-90 *95 SERIES

18-30 1100 SERIES



* See And Drive Every Day Of OPEN HOUSE WEEK.

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GX110, 3.5 HP	$249
GX140, 5 HP	$266
GX140, 5 HP Elect.	$375
GX240, 8 HP	$401
GX240, 8 HP Elect.	$481
GX340, 11 HP	$482
GX340, 11 HP Elect.	$529

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JD 4630, cab & air
JD 4440, cab & air, quad range
JD 4440, cab, air, power shift
JD 4240, PS, cab & air
JD 4240, PS, 4 post
JD 4230, 1976, cab & air, QR
JD 4230 fender, quad range
JD 4430, cab & air, sharp
JD 4050, PS, 4 post
JD 4040, cab & air, quad range
JD 4030, cab & air
JD 4030, 4 post
JD 4020 diesel
JD 4320 diesel
JD 2510
JD 2940
JD 2840
JD 2355, like new
JD 2240 w/cab
JD 2240 w/loader
JD 2040 w/loader
JD 2030
JD 3020 diesel
JD 3020 gas w/loader
JD 3020 gas, side console

JD 950
JD 850 w/mower
IH 3688 w/cab & air
IH 5288, cab & air
IH 3688, 4WD
IH 1486, cab & air
IH 1086 w/cab & air
IH 1066 w/cab
IH 986, cab & air
IH 966 w/cab, low hrs.
IH 806 diesel
IH 584, 4WD w/loader
IH 584, 4WD
IH 656 gas
IH 684
IH 786 w/2,000 hrs.
IH 884 w/1,500 hrs.
IH 886, 4 post
IH 84 hydro
Ford 9700, cab & air
Ford 8600 SOLD & air, 2,200 hrs.
Ford 3400 w/loader
Ford 2000
Ford 3000
Ford 335 w/loader

JD 4650, power shift, 1,100 hrs., w/duals

IH 2096 SOLD & air, 582 hrs.

INDUSTRIAL

MF 40B forklift
NH 779 skid steer
Gehl 4510 skid steer
Ford CL55, used 1,000 hrs.
Woods 3 Pt. Hitch Backhoe

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" spring reset plow
IH consertill 13'
IH consertill 10'
JD 3 btm. roll over plow
JD 4 btm. roll over plow
JD 7 btm. on land hitch
IH 710 8 btm. 18" spring reset, on land hitch
IH 710 7 btm. on land hitch
IH 710 6 btm. on land hitch
IH 720 6 btm. 18" toggle trip
IH 720 5 btm. 18" toggle trip
JD 2500 5 btm. 18" spring reset
JD 2500 6 btm. spring reset
JD 2600, 4 btm., varied width

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 4400 diesel, 1,500 hrs., sharp
JD 4400, gas
JD 215 flex head

HAY EQUIPMENT

JD 1207 7' haybine
IH 7' haybine, like new
NH 478 haybine
JD 336 baler
JD 346 wire baler w/thrower

MISCELLANEOUS

IH 2350 loader
NI 2 row wide, 8 roll bed
NI 2 row wide, 12 roll bed
JD 12' mulch SOLD
Gehl 120 grinder mixer
JD 3RW harvester head, like new
Fox 3 row narrow corn head
IH 5100 grain drill
Kewanee mulcher, like new
Amco 13' rock-flex disc
Kewanee 18' hyd. fold disc
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Kewanee hyd. fold 20' roller harrow, like new
'74 GMC 6000, cab & chassis, 5 spd.-2 spd., power steering
'84 GMC 7000 SOLD cab & chassis, 5 spd.-2 spd.

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71-72 Terex Rubber Tired Loader 7 Yd. Bucket, Rock Tires, Cleaned and Painted, Fresh Engine
4 Months Warranty Left
For An Older Machine
Very Good Cond.
Was ~~$36,000~~ Reduced to $33,000
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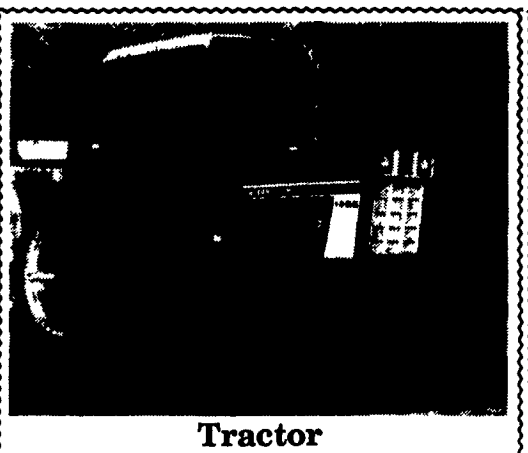

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$12,750.00
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CONOCO

Fleet Heavy-Duty SAE-30 $180.90
Super Hydraulic Oil AW-32 or AW-45 $159.07
Fleet Heavy-Duty 15W-40 $187.78

J & L hay-saver feeds 20 cattle.
New, improved, round hay-bale feeder feeds large or small hay bales along with square bales. It proves to save hay. This feeder is built of heavy 1¼" pipe and ¼" steel for ring. Available with ¼" steel or treated ¾" plywood floors. This 1,200 lb. feeder is built to last.

Call for more information.

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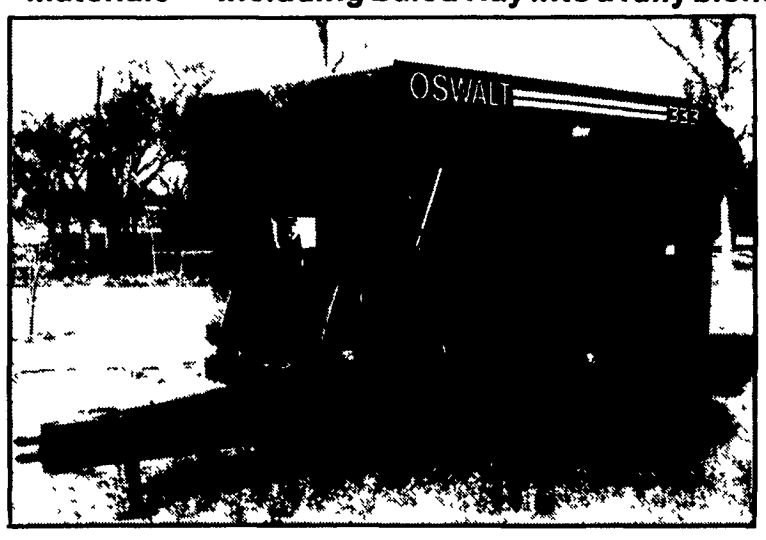
OSWALT MODEL 333 RuffageMaster Ensilmixer

by J-STAR

***EXTRA* HEAVY DUTY — Designed to process those High Ruffage Materials — including Baled Hay into a fully blended feed ration!**

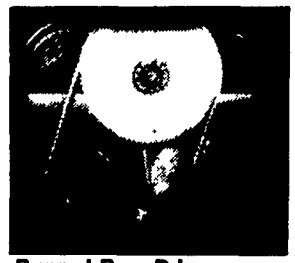


Oswalt has taken its time-proven Commercial Style 4 Auger Ensilmixer — the Feed Mixer that has set new standards for performance and durability and put all of those features into the totally new ***High Performance RuffageMaster***

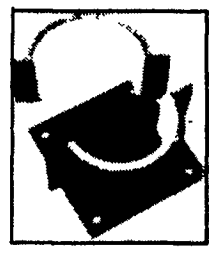
- Tuff-Glide Side Liners
- Tuff-Glide Front Auger Bearings
- Tuff-Glide Lined Conveyor
- Hay Augers & Knives
- Oil Bath Drive & Grease Bank lubrication
- Constant Velocity Tumbler Shaft
- Optional Tuff-Glide Bottom Liners
- High Capacity 40 inch Discharge Conveyor

Exclusive Tuff-Glide mixing chamber liners: You will probably never have to replace a mixer side or bottom (when lined with Tuff-Glide), because Tuff-Glide is not affected by acid and moisture and Tuff-Glide resists abrasion. Also, because the super low friction material is self-lubricating, it greatly improves mixing efficiency and capacity, while reducing the horse-power required to mix.

CALL FOR FREE DEMO'S!



Rugged Rear Drive
Massive, H.T. alloy shafts, bearings and chains on hardened sprockets are standard features on this rugged unit. Shafts are welded and permanently aligned in the auger tubing, eliminating flanged shimming to maintain alignment. All rear auger bearings are located inside the oil bath drive.



Tuff-Glide Auger Bearings: The sleeve style front auger bearings, made from Tuff-Glide, require no grease and are not affected by moisture or acids.

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John Deere Day 1991

Monday, January 28
9 AM - 3 PM
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Door Prizes

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Utility Tractors
JD 2355 55-HP
w/JD 245 Loader

FIREPOWER
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5'x6' Bale

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3" X 22"	Twisted	ONLY	$ 6.65
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# A24997	16" No-Till Rippled Coulter	$ 15.85
# A46665	16" No-Till Rippled Coulter	$ 18.30
# B31315	18" 9 gauge 1⅛ X 1¼	$ 11.50
# B31318	20" 7 gauge 1⅛ X 1¼	$ 14.95
# A49254	22" 7 gauge 1⅛ X 1¼	$ 18.50
# 5000	18" 9 gauge 1⅛ X 1¼ Import	$ 8.35
# 5002	20" 7 gauge 1⅛ X 1¼ Import	$ 13.15
# 5004	22" 7 gauge 1⅛ X 1¼ Import	$ 14.90

All Blades & Coulter covered by John Deere Warranty

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YOUR CHOICE ONLY **$89.95**
Reg. $105.95
Yellow Seat Cushion Kit
Fits the following equipment: TY9326
Tractors: 2510, 2520, 3010, 3020, 4010, 4020, 5010, 5020, 4030, 4230
NEW Fabric Seat Cushion Kit NEW
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Hydraulic Cylinder
Standard duty, field-proven

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☐ Tru-Vee Disk and Bearing — ONLY $18.50

☐ Seed Brush Set — ONLY $2.65

☐ Finger Pickup Assembly — ONLY $20.30

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☐ Tru-Vee Disk Scraper — ONLY $3.10 each

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OIL FILTERS FOR UTILITY TRACTORS $2.90
PART NO T19044
Maximum protection for your John Deere utility tractor Don t risk engine damage -- change filters at recommended intervals

$6 50 #AR43634
For most 40 series John Deere Row Crop Tractors

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JOHN DEERE GREASE GUNS

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Experience the comfort, convenience, and performance of:
- Sound-gard Body
- 15-speed Power Shift Transmission
- Caster/Action MFWD

The best way to understand a tractor is to drive it and compare it.

All farmers who ride 'n drive our John Deere Row Crop Tractor during the week of January 28-February 2 are eligible to enter a drawing for a ***Landis Bros, Inc. Winross Truck***

Landis Bros., Inc.

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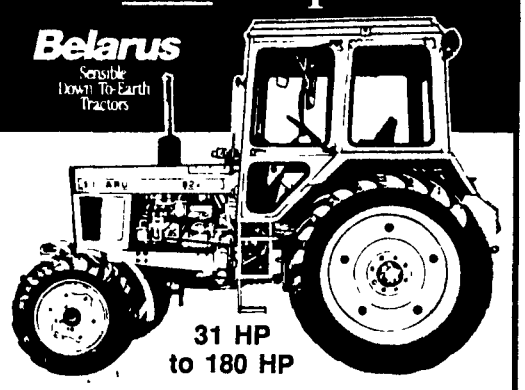

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IH 1566, 1976 model	$7,900
IH 1466 cab/air, '76 model, sharp	$8,500
IH 1066 dual PTO, good cond.	$6,600
Case 1175 cab & air	$8,000
JD 4620 w/cab	$7,800
MF 165 diesel w/mtd. picker	$4,200

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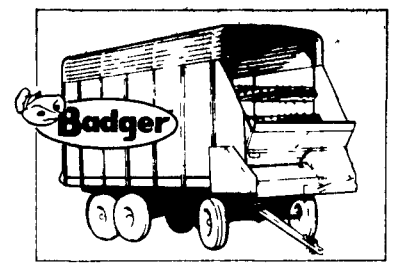

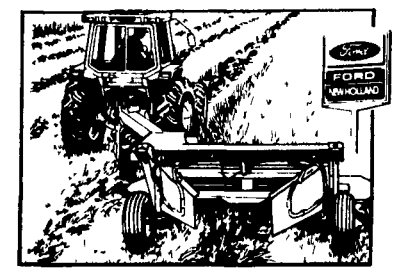

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- MF 1020 Tractor
- MF 1030 Tractor
- MF 1045 Tractor

CHECK ON OUR NEW 100-140 H.P. TRACTORS. *JUST ANNOUNCED!*

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- MF 240 Tractor
- MF 283 Tractor
- MF 375 Tractor
- MF 383 Tractor
- MF 390T Tractor
- MF 253 Tractor
- MF 1035 Tractor
- MF 399 Tractor, Demo
- MF Rotary Cutters
- MF 10' Rotary Cutter
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New Line Of MF Lawn & Garden Tractors!

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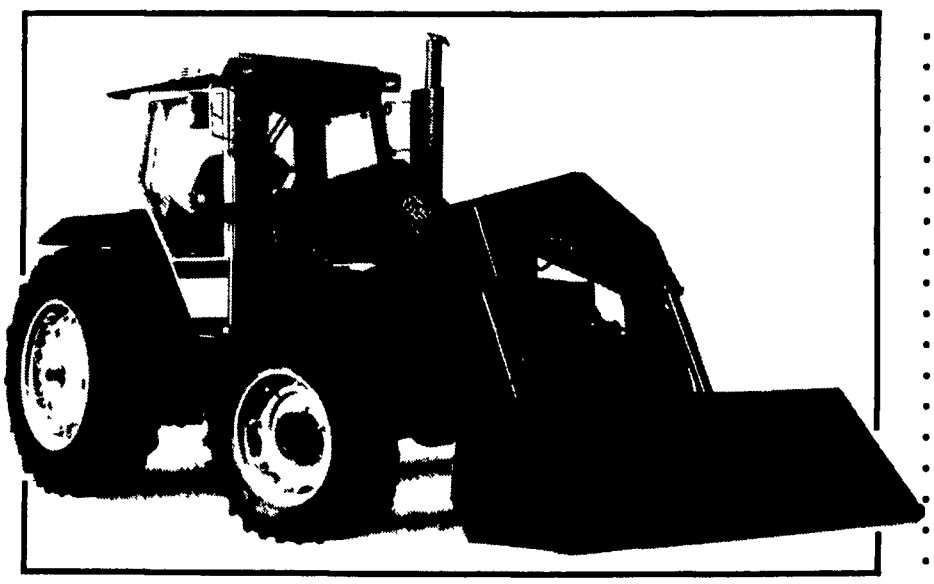

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- MF 35 Tractor, Gas
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- MF 50 Tractor
- MF 245 Tractor w/Woods Mower
- Oliver 77 Tractor
- AC Tractor, Loader, Backhoe
- MF 11 Loader
- MF 410 Combine
- MF 510 Combine
- NH 474 Haybine
- NH 411 Discbine
- NH 463 Disc Mower
- NH 462 Disc Mower
- NH 442 Disc Mower
- NH 1900 4 Wheel Drive Forage Harvester
- NH 488 Haybine
- NH 474 Haybine
- Kuhn Disc Mower
- IH 550 Spreader
- NI 218 Spreader
- JD 350 4 Bottom Hyd. Reset Plow
- Sweepstar Broom for Skid Loader
- NI 36 Elevator, PTO or Motor
- Howard Roto-vator
- MF 1017 Backhoe, 3 Pt.
- Ford F-350 Pickup, 4x4, w/snowplow, 10,000 Miles

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SPECIAL
New Case D130 Backhoe to mount on skid loader
$5500
717-786-3521

SUPPLEE'S SPEED SHOP
RD 1
Thompsontown, Pa. 17094
717/535-5684
FAX NUMBER
717-535-5955
Machine Shop
717/535-5409

Chevrolet Small Block Engine Rebuilt Kits, Rings, Rod Bearings, and Main Bearings with Full Gasket Set. $89.90
Cam Kit, Cam Lifters & Prelube $89.95
Other Kits Available At Comparable Prices.
Perfect Circle, M&W, TRW, and Sealed Power Tractor Industrial Kits Available.
Full Engine Machine Shop Service and Rebuilding Available.

Ford FORD NEW HOLLAND

FORD TRACTORS
New 2910
New 5610
New 7710 w/Cab
Used 4000, 4 Cyl.
Used 871 Dsl.
Used 8N
Used 9N

NEW HOLLAND
New 489 Haybine
New 488 Haybine
New 472 Haybine
New 308 Manure Spreader
New 716 Forage Box
Used 479 Haybine
Used 272 Baler w/SS
Used 273 Baler w/SS
Used 273 Baler w/ Thrower
Used 315 Baler w/ Thrower

OTHER TRACTORS
New Bolens H152 Dsl.
New Bolens H174 Dsl.
Used Case 611 B Tractor

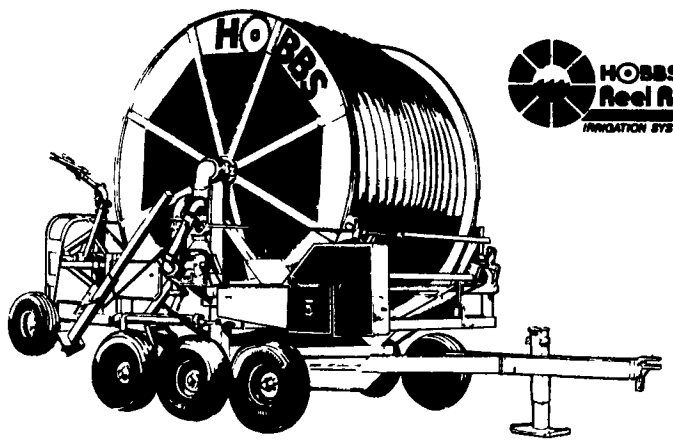
OTHER EQUIPMENT
New Kuhn FC300 Disk Mower Conditioner
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3B x 14"
New Ford 140 3B x 16" Mtd. Moldboard Plow
New Ford 150 Mtd. Moldboard Plow 3 B-16"
New Ford 151, 4B x 16" Auto Reset Plow
New Ford 151, 4B x 18" Auto Reset Plow
New Glencoe 12'9" Soil Finisher
New Glencoe Soil Saver 5 Shank
Used JD 12' Lift Type Spring Tooth Harrow
Used Kuhn Pull Type Tedder
Used Woods RM 59 Finish Mower
Used JD 494A Corn Planter
Used Ford 930A 5' Finishing Mower
Used Ford 501 Sickle Bar Mower
Used NI 212 Manure Spreader

We Ship Parts UPS Same Day

Sweigard Bros. Inc.
3882 Peters Mtn. Rd.
Halifax, PA 17032
717-896-3414
Since 1937

BIG SAVINGS

NOW - Factory Discounts
NEXT YEAR - BIG PROFITS
WITH YOUR REEL RAIN IRRIGATION SYSTEM



Now is the time to come in and make a special deal on the Reel Rain Irrigation system that's right for your operation. Factory discounts are in effect for a limited time and we're anxious to pass the savings along to you.

Adequate water at critical times during crop development is one of the most important factors in increased yields. Even in a normal high rainfall year, your yields may suffer if rain doesn't come at the right time. You are the BOSS when you give your crops the water they need when they need it. Invest in your future now. You will save BIG BUCKS for the whole family if you invest now.

DEPENDABILITY WHEN IT COUNTS

EECO, INC.

4021 N. 6th St., Harrisburg, PA 17110
717-238-9423 Fax 717-238-7635
Licensed Engineering Service Since 1944

JOHN DEERE

★ Special On Western Pressure Washers: 500 PSI- $385, 1,000 PSI- $570
★ Bale Newspaper For Cow Bedding Instead Of Straw — We Have The Machine And Demo. Will Be Arranged!
★ We Have Too Many New JD Compact Diesel Tractors In Stock! The Company Has Sales Programs And So Do We...

SAMPLE
JD 670, 4 Wheel Drive
For Only $8,249 Cash!
(Limited Time Offer)

Thinking Of Repairing Your Ag Or Lawn Equip.?
Our Shop Is Ready To Serve You With Pre-Season Specials — CALL NOW!

New And Used Equipment...

NEW TRACTORS:
JD 210C Loader/Backhoe — $30,900
JD 3155, 4WD 95 Hp w/Cab — Call
JD Compacts — Most Models

NEW MISC.:
Myers 300 Gal. (Approx.) Steel Sprayer Tank, 42"Lx46"Wx48"H Shop Worn — $250
Pequea 3 PT PTO Portable Tractor Saw For Firewood — $795
Meyers ST-90 Univ. Loader Mount Snowplow — $750
JD AMT 626 2 Pass. Utility Transporter — $4,499
JD 450 Hydra Push Manure Spreader w/Endgate — $5,665
JD 350 Manure Spreader w/ Endgate — $3,950

USED MISC.:
Woods 208 PT Rotary Cutter, 100 Hrs. — $3,200
Pequea 6x10 Utility Trailer, Single Axle 2500 Lb. Capacity — $725

USED TRACTORS:
Used JD 2755 w/Tiger Side Mt. Mower w/Low Hrs., Save $$$. A Commercial Machine To Mow Fast On Highway Roadsides. Call Us For Details.
1985 JD 2550, Utility, 1800 Hrs., 15.5x38 Tires, 1 Hyd., Hi-Lo — $15,900
JD 2155 Utility, 100 Hrs., 1 Hyd., 14.9x28 Tires — $13,900
JD 2640, 70 HP, 3180 Hrs., 18.4x26 Tires — $8,995
JD 440 Ind. Crawler w/Scarifier — $5,000
MF 65 Gas w/Loader, 2273 Hrs., Rr. Wgts., 14.9x26 Tires, 72" Bucket — $4,995
Ford 821 Ind. w/Mower — $2,995
(2) Farmall Cubs — 1 w/Hyd. & Farm Blade — $2150; 1 w/Sickle Bar Mower & Plow — $2,600
Massey Harris 30 — $995
Massey Harris 44-6 — $1,795
Oliver 77 — $1,995

ALL USED TRACTORS IN GOOD TO EXCELLENT CONDITION

JOHN DEERE HARDI Brillion WOODS

New & Used Sales And Service
KERMIT K. KISTLER, INC.
RT. 143 LYNNPORT, PA. 18066
215-298-2011
Pick-Up And Delivery!

The Rotary One

ONE PERSON- OVER 70 PLANTS PER MINUTE

The ROTARY ONE Is A Completely New Concept In Transplanting

CONTACT:

ABC GROFF, INC.
110 S. Railroad Avenue
New Holland, PA 17557
717-354-4191

MARKET FARM IMPLEMENT
RD #2 Box 206
Friedens, PA 15541
814-443-1931

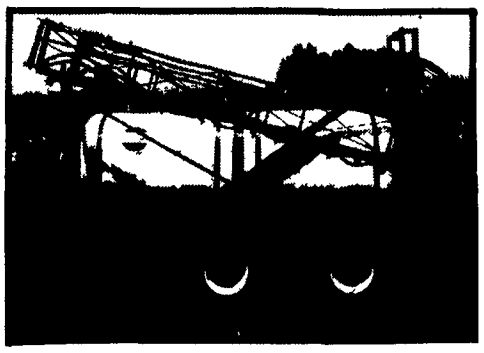
ABC GROFF Since 1890 The Name You Can Trust
110 South Railroad Ave. New Holland, PA 17557
717-354-4191
NEW WINTER HOURS: Now Thru Feb. 28, 1991
M-F 7:30-5:00
Sat.: 7:30-12:00
100 ANNIVERSARY 1891

HARDI
Spring for the Best

SALE!

Make This Your Best Spring Ever - Spring For The Best Sprayers. HARDI

PERFORMANCE & PRECISION ARE PROOF OF QUALITY ...HARDI IS THE LEADER



TR TRAILER RANGE - "Farmer Proven" sturdy design combines with advanced technology in our most popular range of sprayers. Designed to bring your chemical application program up to date. Available in 300 & 500 US gallon single axle and 500, 800, 1000 US gallon tandem axle models Choice of booms from 35' to 82'. HYDRAULIC LIFT comes standard on all TR models.

TR 500 TRAILER SPRAYER, 500 GAL., SINGLE AXLE, 45 FT. HYDRAULIC FOLD BOOM, ELECTRIC CONTROLS
1 ONLY
SALE PRICE $7990.00
Sale Prices Good Till Feb. 28

MISTBLOWER (COMBI HY)
Mistblowing is quality work
A mistblower ensures that the crop will benefit from the best possible growing conditions. Air pressure targets growth and crop protection ingredients by opening dense foliage and at the same time minimizes waste. There is a mistblower suitable for your specific application: fruit trees, vegetables, nursery crops, etc. Just see it!

COMBI HY "CANNON" MISTBLOWER, 170 GAL. SPRAYS UP TO 90 FT. SPRAY WIDTH
1 ONLY
SALE PRICE $7,150.00

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Sat.: 7:30-12:00
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COMING SOON...

FORD NEW HOLLAND

ABC GROFF Since 1890 The Name You Can Trust

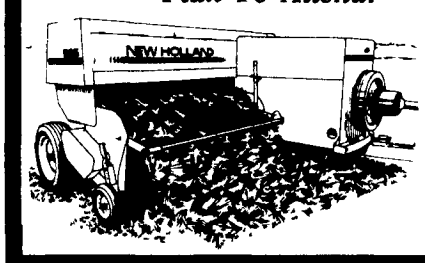
Comin' On STRONG

★ Door Prizes ★ Refreshments ★ Parts Discounts

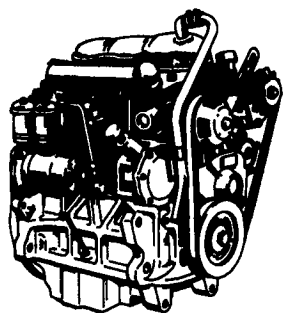
FORD NEW HOLLAND DAYS

DATES: FEBRUARY 7 & 8

BALER CLINIC - *Plan To Attend!*



Feb. 8 At 1:00 PM



FASTER THAN REBUILDING!

NEW REPLACEMENT ENGINES

put you back in the field faster than rebuilding And a new Ford New Holland tractor engine gives you all the latest refinements going into new production tractors Check these complete engine and installation prices against the cost of an overhaul

Cylinders	Displacement	Part #	Price
3	192 Cu. In.	B5D332	$3,165.00
3	201 Cu. In. w/ Headland Pistons	BSD333H	$3,295.00
4	268 Cu. In. w/ Turbocharger	BSD444T	$4,895.00

Other Sizes Available-Check For Specific Model Usage

The L-553 Unmatched dump reach

SPECIAL PRICES ON L553 & L555 DEMO SKID LOADERS

You get unmatched forward dump reach with the Model L-553 skid-steer loader from New Holland That's because the unique boom lift linkage lifts the payload forward as it rises to load the center of large spreaders and trucks, while the self-leveling boom linkage keeps the bucket level, for less chance of spillback The result—faster dumping and fuller loads, for more work per hour The "L-553" has a 42-inch wheelbase and a low center of gravity for outstanding stability Stop in soon and take the Model L-553 on a test run

ABC GROFF Since 1890 The Name You Can Trust

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NEW WINTER HOURS: Now Thru Feb. 28, 1991 M-F 7:30-5:00 Sat.. 7:30-12:00

100th 1890 ANNIVERSARY 1990

Coming Soon! New Trends and Old Friends John Deere Day 1991

JOHN DEERE

ABC GROFF Since 1890 The Name You Can Trust

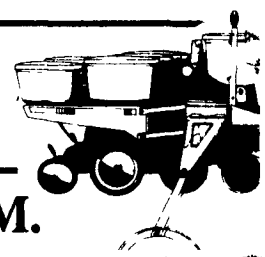
Door Prizes! Refreshments! Parts Discounts!

DATE: MONDAY, FEB. 11

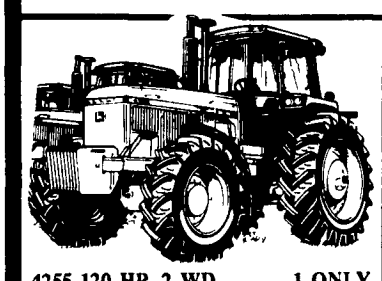
Films! Service Specials! Equipment Specials!

MARK YOUR SCHEDULE - ABC GROFF OPEN HOUSE!

Plan To Have Lunch With Us Feb. 7, 8 & 11



John Deere Planting Equipment Clinic - Monday, February 11-1:00 P.M.



4255 120 HP, 2 WD, Power Shift — 1 ONLY $43,500.00

SPECIAL PRICES ON 55 SERIES ROW CROP TRACTORS DURING JOHN DEERE WEEK IN STOCK:

JD 4255 MFWD Power Shift
JD 4255 2WD Power Shift
JD 4055 2 WD Quad Range
JD 4055 MFWD Power Shift

- Get up-to-the-minute information on the adjustment and operation of John Deere planting equipment
- Hear John Deere planter specialists report on suggested maintenance and service to help you avoid delays
- Review the benefits of gentle seed handling, accurate seed placement and other features of John Deere planting equipment.

Talk about New Trends with your Old Friends at John Deere Day 1991

JD 2000 5 BOTTOM SPRING RESET PLOW

Spring-reset standards for on-the-go performance

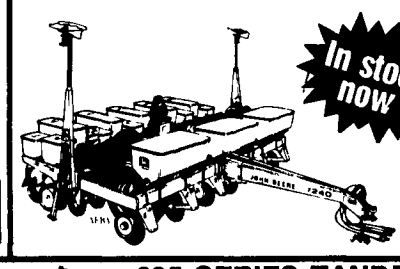
Keep moving over rocky ground with rugged single-pivot spring-reset standards Dual compression springs provide 4500-pound reset force Enough strength to maintain depth in hard ground

Was ~~$9,450.00~~

SALE $8,990.00

2000 . the medium-duty semi-integral with high powered features at a low-powered price

CALL IT A "NARROWIDE"



In stock now

- John Deere 7240 Planters—narrow-row and wide-row planters in one!
- Plant narrow-row soybeans, then lock up alternate units for corn
- MaxEmerge² 2 planter accuracy

JD 7240 Planters

Available, 6 Or 11 Row - Call Now To Reserve Yours! Waiver Till April 1, '91

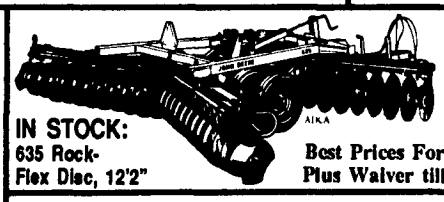
915 V-RIPPER GOES 2 FEET DEEP, HAS NEW RESET STANDARDS

- Rip 2 feet down for great soil relief
- Go non-stop in rocks with new spring reset standards

Good dealin'

915 V-RIPPER With 5 Spring Reset Standards & Gauge Wheels

SALE $7,100.00



IN STOCK: 635 Rock-Flex Disc, 12'2"

Best Prices For Early Buyers Plus Waiver till March 1, '91

635 SERIES TANDEM DISKS: EXTRA PERFORMANCE FEATURES AT 'BASIC' PRICES

- Work rocky soil at productive rates with minimum blade damage. The key is a unique load-sensitive C-spring gang shank
- 600 Series tandem design, rolling disk middlebreaker, easy depth setting and leveling
- Rigid, rigid-fold and flex-fold sizes

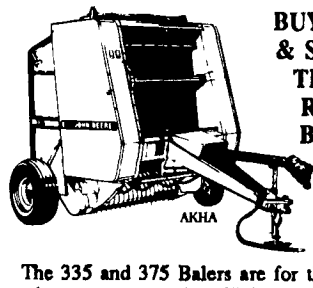
714 MULCH TILLER: MAXIMUM MACHINE FOR MINIMUM TILLAGE

See it today

- Tru-Depth™ standards go 11 in deep...work up to 21 ft 3 in. wide through heavy residue
- Hydraulic adjustment of coulter gang from cab

IN STOCK: 714, 11'3" 9 Shank Tru-Depth Spring Reset Standards - *Best Prices For Early Buyers*

- Solid rear mainframe

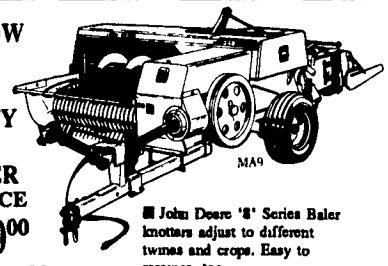


BUY EARLY & SAVE ON THIS 335 ROUND BALER- SALE PRICE $9,350.00 SALE ENDS FEB. 16

The 335 and 375 Balers are for the hay producer who wants to get the efficiency of round bales, at a trimmer, leaner cost.

SAVE NOW ON THIS HIGH CAPACITY MODEL 348 BALER SALE PRICE $11,490.00

No Other Balers Mulch It For Capacity



- John Deere 'S' Series Baler knotters adjust to different twines and crops. Easy to service, too
- Exclusive hay control features produce dense bales that stack like bricks

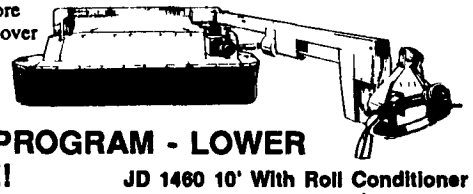
SAVE $700.00

Best deals of the season on John Deere hay equipment

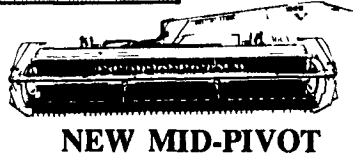
NEW!

1460 ROTARY MO/CO...WITH MOLDED URETHANE CONDITIONING ROLLS

- High-speed disk cutting with unique conditioning rolls that apply more pressure over more crimping points



NEW PROGRAM - LOWER PRICE! JD 1460 10' With Roll Conditioner And Equal Angle Hitch-Was ~~$12,900~~ NOW $12,200



NEW MID-PIVOT MOWER/CONDITIONER

The Performance Of A Self-Propelled Machine With The Handling Of A Pull-Type

IN STOCK: 1600 12'

SALE - SPECIAL PRICE NOW THROUGH FEB. 16

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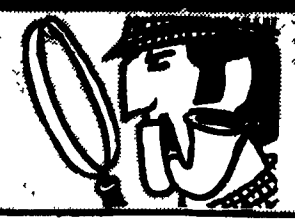
BARGAIN HUNTER VALUES

Track Down BIG BUYS ON QUALITY Used Equipment



MARK YOUR SCHEDULE - ABC GROFF OPEN HOUSE!

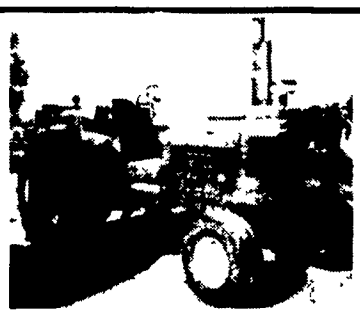
Plan To Have Lunch With Us - Feb. 7, 8 & 11

FORD NEW HOLLAND WEEK

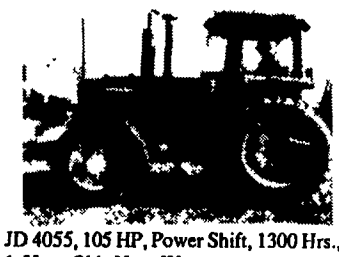
Feb. 4 thru 8

JOHN DEERE WEEK

Feb. 11 thru 15

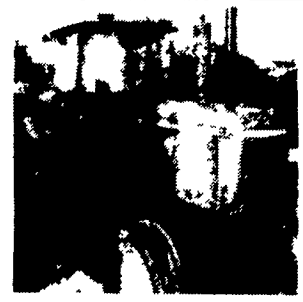


Ford 7700, 85 HP **$15,500**

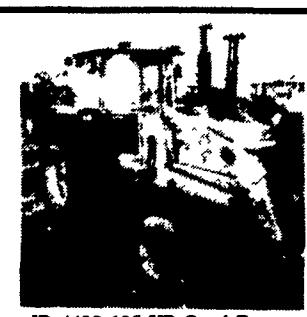


JD 4055, 105 HP, Power Shift, 1300 Hrs., 1 Year Old, New Warranty

JD 3830 Windrower, w/14' Head, Low Hrs., Exc. Cond. **$29,000**



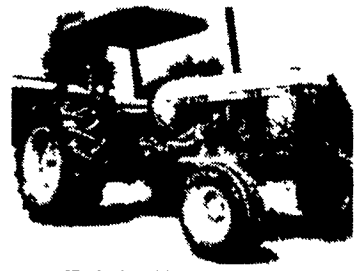
JD 4430 125 HP, Power Shift, 4200 Hours, Good Condition



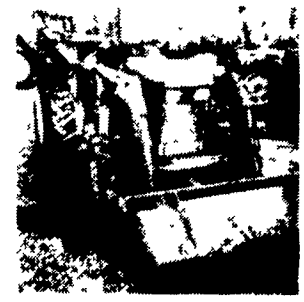
JD 4430 125 HP Quad Range Trans., 3600 Hrs., Very Good Condition, With Or Without Loaders Available

Ford 5610, 62 HP, 86 Hrs., Like New! **$21,900**

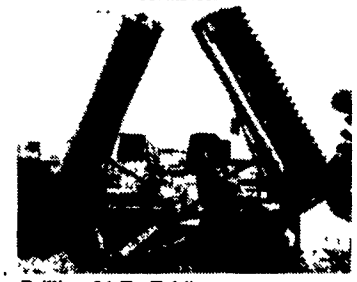
Massey 65 Diesel, 50 HP **$3,600**



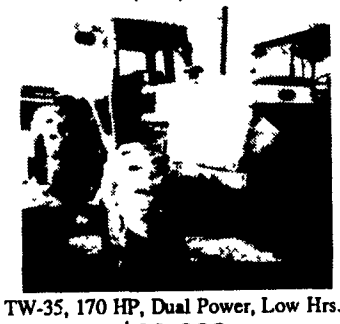
JD 2350, 55 HP, 1100 Hrs., Hi-Lo Shift, Very Good Cond.



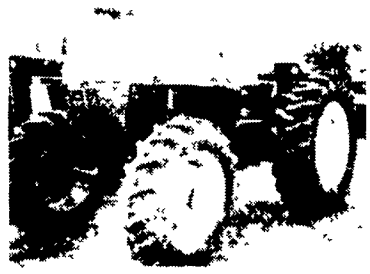
JD 1050 33 HP Diesel, 4 Wheel Drive With Loader **$8,900**



Brillion 24 Ft. Folding Packer, Good Condition ~~$4,500~~ **Reduced - $4,200**

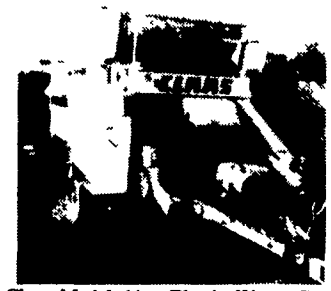


TW-35, 170 HP, Dual Power, Low Hrs. **$29,000**

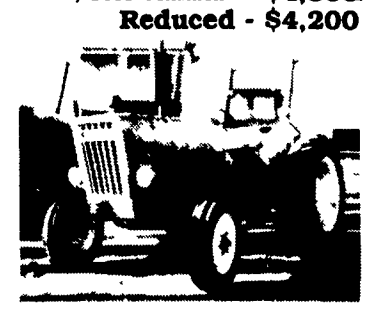


JD 2940 Tractor 80 HP MFWD

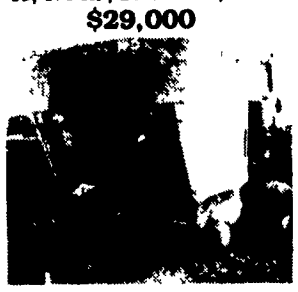
IH 884 Tractor 1983 800 Hrs., Very Good Condition



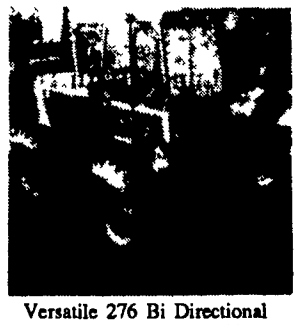
Claas Model 44 w/Plastic Wrap, Good Cond. **$4,900**



Ford 3600, 40 HP, Good Condition **$8,200**



NH 853 Round Baler, Makes Up To 1200 Lb. Bales, Good Condition



Versatile 276 Bi Directional 100 H.P., 350 Hours, With 12 Ft. Cut & Roll Conditioner, Hay Head **$42,000**

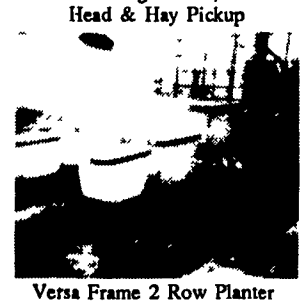
NH 1895 Forage Harvester With/Met Alert And 3 Row Auger Base, Corn Head & Hay Pickup

Gehl MC2170 Mower Conditioner w/ Hyd. Swing **$7,900**

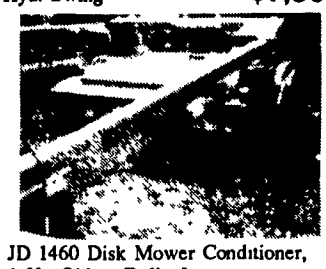
IH 3788, 170 HP, Low Hrs., 1 Owner, Clean, Very Good Condition

NH 855 Round Baler, Makes Up To 1700 Lb. Bales, Good Condition

JD 375 Round Baler Used For 40 Bales, New Warranty **$11,200**



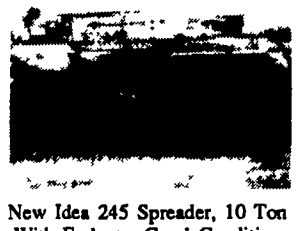
Versa Frame 2 Row Planter With No-till Coulters And Markers, Like New Condition



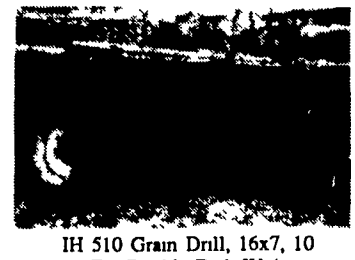
JD 1460 Disk Mower Conditioner, 1 Yr. Old, w/Rolls & Swivel Hitch **$10,900**

JD 1219 9' Mower Conditioner **$4,500**

Farmhand 6650 Tub Grinder, Like New Cond. **$17,500**

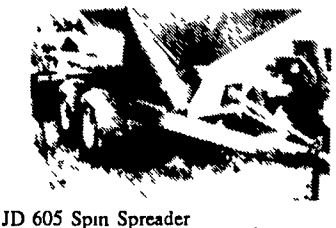


New Idea 245 Spreader, 10 Ton With Endgate, Good Condition



IH 510 Grain Drill, 16x7, 10 Ft., Double Disk With Fertilizer - Good Condition

JD 1500 Powr-Till Seeder, 8 Ft. **$3,500**



JD 605 Spin Spreader Good Condition **$3,500**

USED EQUIPMENT

Balers
NH 315 Baler w/70 Thrower $6,500
NH 316 Baler w/75 Ejector $7,500
JD 336 Baler & Thrower
NH 276 Baler w/Thrower
NH 272 Engine Baler
NH 320 Baler $4,500
NH 272 Baler w/Thrower $1,900
NH 846 Round Baler w/Auto Wrap $5,900
NH 275 w/53A Thrower
NH 315 Baler w/Belt Thrower $5,900
NH 575 Baler

Grinder Mixers
Farmhand 817, 100 Bu., Very Good Condition
NH 350, 80 Bushel
NH 352 80 Bushel 16" Mill
Farmhand 815 82 Bushel 16" Mill

Mowers
NH 451 Sickle Bar, 7 Ft.

Mower Conditioners
NH 1495 Self-Propelled, 12 Ft. Cut, Hydrostatic
Kuhn FC300GC Disk Mower Conditioner 10 Ft. Cut
NH 489 Mower Conditioner $3900, Good Condition
NH 488 9 Ft.
NH 489 9 Ft. $4,500
NH 469 9 Ft. $1,750
NH 495 12' Cut $2,900
JD 1508 15' Rotary Cutter, 1 Yr. Old, $6,500
JD 1209 9', $2,500
Gehl 2330 Mower Conditioner
1499 Mower Conditioner (Self Propelled) Like New

Backhoe
NH Model B-134 Fits NH 700 Series

Loaders
Farmhand Heavy Duty Loader (Fits 4 Cyl. John Deere Tractors)
JD 175 Loader

Tillage
Oliver 4 Bottom Roll Over Plow, $2,900
JD 945 5 Bottom, Semi Mounted, Rollover Plow With Coulters $2,650
IH 18 Ft. Field Cultivator
JD F-125 3 Bottom Plow 16" Bottom

Sprayers
Hardi TR500 500 Gal. Electric Controls, 45 Ft. Boom $3,900
Century 500 Gal. Electric Controls, 40 Ft. Boom And Foam Marker, 1 Year Old, $3,900

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NI 245 10 Ton, Tandem Axle, Flotation Tires (Just Arrived)
NI 213 175 Bushel, $1200
NI 244 325 Bushel Tandem Axle, $3500
NI 225 325 Bushel Tandem Axle, $2500
NH 308 Spreader, Mounted On A Truck $13,000

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NH 56 8½ Ft.
NH 256 8½ ft. $1,400

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JD 950 4WD
JD 950 MFWD Turf Tires w/Loader, 27 HP $10,900
JD 950 MFWD Bar Tires w/Loader & Backhoe, 27 HP $12,900

Tractors
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Farmall 400 Gas
Ford 4000 45 HP Diesel, $3,950
Ford 601 w/Loader
JD 3020, Gas, 70 HP
Ford 9N Gas
JD 410 Loader, Backhoe $16,900
AC D-14 Tractor 30 HP, Gas $1900
Ford 9600 130 HP, With Cab
JD 40 Crawler $3,000
JD 2040, Low Hrs., 40 HP, w/145 Loader $10,900
JD 1010 Gas 35 HP
Case 970 Power Shift, 85 HP With Cab, $8,500
MF 65 Diesel 50 HP, Good Condition
Oliver 77 40 HP Gas $2,150
IH 460 52 HP Diesel
JD 4430 Power Shift 125 HP Sound Gard Body

Skid Steer Loaders
L-775 Deutz Diesel
L-785 Perkins Diesels
NH L452 30 HP Gas, $8,200
Case 1845 Gas, 45 HP $7,900
NH L454 Gas, 31 HP, 200 Hours $9,800

Planters
JD 7100 Toolbar, 4 Row w/Dry Fertilizer Attachment
IH 400 Air Planter 6 Row Narrow, Good Condition
JD 7000 4 Row Wide Planter, $4,500
JD 7000 6 Row Conservation Planter
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JD 8300 21x7 12 Ft. With Grass Seed

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NH 1890 Base Unit Only, Overhauled
NH 718 Harvester With 2 Row Narrow Corn Head & Hay Pickup
JD 3950 Harvester w/2 Row Cornhead & Hay Pickup

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JD 7700 Turbo Hydro w/RWD

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- 966
- IH 766 w/Cab
- Uni 839 Husker
- JD 3010 Dsl. w/Turbo
- JD 6600 Diesel, Rotary Screen, w/Air
- JD 7000 6 Row Max Amerge Planter, Liquid w/Free Mtd. Coulters (SOLD)
- 709, 3600 Hrs., Would Sell 4WD Separate, $10,750
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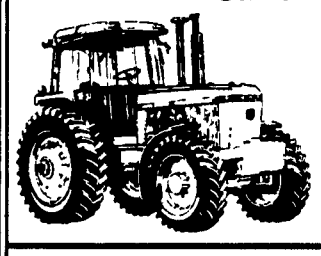

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- 9'9" Cut

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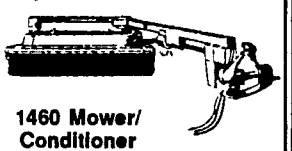

1460 Mower/ Conditioner

TAKE ADVANTAGE OF PRE-SEASON DISCOUNTS TODAY!

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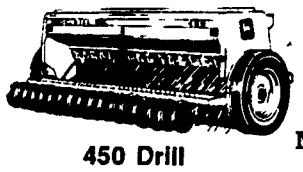

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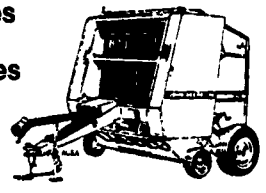

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JD 4430 Tractor, SGB, power shift trans., 1977 yr.	$15,900
JD 3155 4WD, SGB, 519 Hrs.	Call For Price
JD 336 Baler w/30 ejector	$3,900
JD 24T baler w/30 ejector	$1,850
JD RWA 14 ft. Disk	$1,800
NH 315 baler w/70 thrower	$4,900
NH 489 mower conditioner	$3,950
AC 12 ft. chisel plow	$1,650
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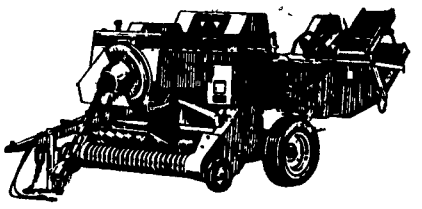
- Case 530 Spreader
- Case IH 415 Packer Mulcher, 10 Ft. 1" Demo.
- Case IH 8360 12 Ft. Hydroswing
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 8540 Twine Baler w/Thrower

★ MUST SELL...CALL FOR PRICES ★

Call For The Best Deal Now And Get An Extra Case IH 10% Discount!



- Case IH 8520 Twine Baler w/Thrower
- Case IH 8420 Round Baler
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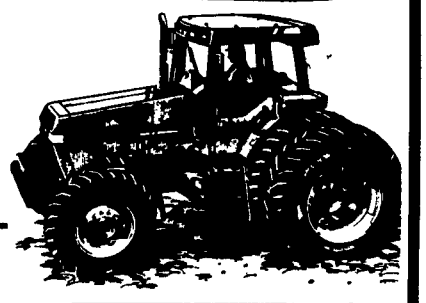
- Case IH 8830 12 Ft. Self Propelled Mower Conditioner

Case IH Combines In Stock
Case IH 1660



Case IH 395, 4WD, Shuttle Shift- New Model
Case IH 485, 4WD, Shuttle Shift - Old Price!
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Case IH 1845C Uni-Loader - New 60 Hp. Model In Stock

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Case IH 2255 Loaders
Case IH 1043 Cornhead, 4 Row
Case IH 1020 Platform, 15 & 16½

Case IH 145 Rollover Plow, Auto. Reset- In Stock
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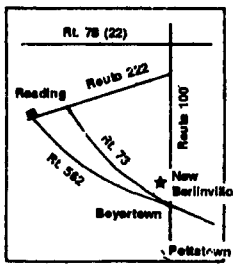
Case IH 496 22'2", 7½" Spacing
Case IH 496 24' 10 Disk Harrow
Case IH 496 19'1 9" Spacing Disk Harrow
Case IH 496 18'7 7½" Spacing Disk Harrow
Case IH No. 10 Sub-Soiler, Manual Reset
Case IH 415 Packer Mulcher, 12'2
Case IH 183 6-Row Cultivator
Case IH 181 Minimum Til 15 Ft. Rotary Hoe

Over 20 200-Series Case-IH Compact Tractors In Stock!



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Extra 10% Parts Discount
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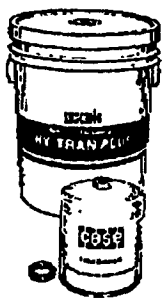

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Description	Part #	List Price	Sale Price
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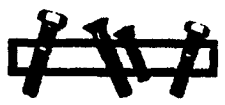
IH Haybine Section	826722C1	$ .59	$ .46
IH & New Holland Rake Teeth	473378R91	$ 4.04	$ 2.39

Hardware



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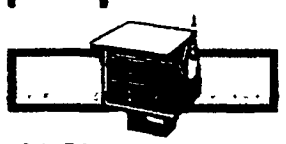

Description	Part #	Sale Price	
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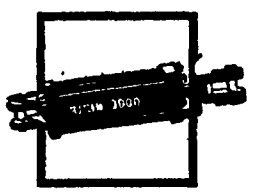

Size	Description	Part #	List Price	Sale Price
3"x8"	3000 PSI	1282203C91	$ 99.36	$ 87.54
3½"x8"	3000 PSI	1282205C91	$125.34	$110.44

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Description	Part #	List Price	Sale Price
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★ PAINT ★ BATTERY CHARGERS
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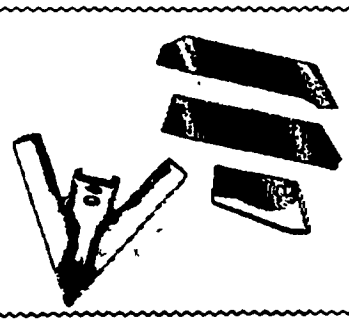

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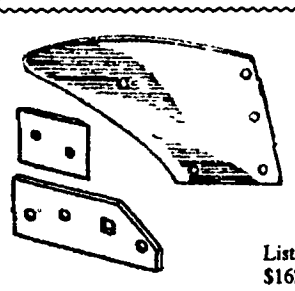

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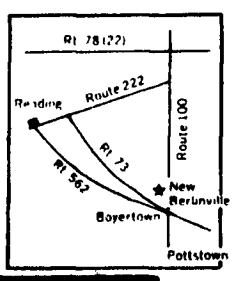

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Oliver 1750 Diesel w/Ca SOLD	$ 4,500
Kubota B-6200 4WD Front Blade, 140 Hours	Call For Price
IHC 1066, Nice	Call For Price
JD 4050 MFWD w/Cab, 1 Owner, 2200 Hrs	Call For Price
Ford 3000 PS, Excellent	$ 4,500
JD 2510 WF, Gas w/Kelly Loader	$ 5,750
Oliver 550 Diesel, New Engine	$ 4,500
JD 2350 w/Hi-Low Rack & Pinion, Exc	Call For Price
JD 4000 1972 Model WF 18 4x38 Tires, Exc	Call For Price
JD 4250 w/Cab, Heat, Air, Exc	Call For Price
JD 2940, Excellent	Call For Price
MF 2675 Cab Heat, Air, 2200 Hrs, 1 Owner, Excellent	Call For Price
JD 2840 Tractor, Excellent	Call For Price
MM 335, 3PT Hitch, Wide Front	$ 2,800
JD 4050 1987 Model 4 Post PS	Call For Price
Farmall 400 w/Pulley, Fast Hitch, New Torque and Motor	Call For Price
JD 2750 w/146 Loade[SOLD]00 Hrs, Like New, 198[SOLD]Model	~~$20,900~~ $18,950
JD 2150 w/Turf Tires, 45 Hrs, Like New	Call For Price

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JD 30 Combine PTO	Call For Price
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JD 4400 Gas	$ 4,995
(3) JD 6600 Combines	Starting at $ 4,500
IH 1460 Combine, 3900 Hrs	$12,900

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JD 643 Corn Head, Excellent	$ 6,450
JD 213 Platform, Flex Head	$ 3,750
Gehl 2 Row Adjustable Snapper Head	$ 1,595
NI 844 Snapper WR	$ 2,000
AC 3RN Cornhead w/Hesston Snapper Head Adapter	$ 2,300

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JD 146 Loader w/Valve, Excellent	$ 3,150
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JD 143 Loader Indp Valves	$ 1,900
2 NI 323 1 Row Pickers.	Starting at $ 1,795
Artsway 425 Grinder/Mixer	$ 2,995
JD 8300 18x7 Grain D[SOLD] New	Call For Price
JD 110 Disc, 11'5"	Call For Price
Bobcat 743 Diesel Skid Loader w/2 Buckets	~~$10,900~~ $ 9,500
McCurdy 12 Ton Tandem Chassis	$ 1,000
Spreader Box	$ 750
JD 1550 Powertill Seeder w/Grass Seeder, Nice	$ 3,250
NI 325 Picker Sheller	$ 2,500

HAY EQUIPMENT

JD 335 Round Baler, Demo Unit w/New Warranty	$ 7,850
NH 326 Baler w/Thrower, Loaded, Hyd Bale Tension & Controls	Call For Price
JD 7' Grass Head	$ 2,250
NH 469 Haybine	$ 1,995
JD 24T Baler w/30 Ejector	$ 1,850
NH 1112 Self Propelled Windrower	Call For Price
Hesston 6555, Self Propelled Windrower w/12' Head, 900 Hrs, Excellent	Call For Price
JD 350 mower	$ 1,750
NH 315 Baler w/Thrower	~~$4,000~~ $ 2,995
NH 282 Baler w/Thrower, Excellent	Call For Price
NH 273 Baler w/Thrower	$ 2,500
NI 555 Baler w/Thrower	~~$4,000~~ $ 3,250
JD 670 Hay Rake, 9½', Rubber Teeth, Gauge Wheel	$ 1,895
Hesston 5510 Round Baler, Nice	~~$6,450~~ $ 5,850

FORAGE EQUIPMENT

Complete Cutter Head For JD Self-Propelled Forage Harvester	$ 3,000
JD 3960 Harvester w/Controls & 7' Grasshead	$ 9,000
IHC 555 Forage Harvester w/2RW & Grasshead	$ 2,500
Papec Forage Harvester w/Grasshead & 2RW	$ 800

MANURE SPREADERS

NH 791 Tandem w/Hyd End Gate, Like New	Coming In
5 - NI Manure Spreaders	$700-$ 1,100

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Kubota F2000 ft. w/72" front mower
JD F930 w/72" mower
JD 210 w/mower and blade
JD 855 4WD tractor w/72" mower and loader
JD 240
JD 318 w/46" mower
JD RX75 rider
JD 550 50" tiller, like new

NEW SPECIALS CALL FOR PRICE

- JD 10 Backhoe F/JD 1250, 1450, & 1650 Tractors
- JD 46 Snow-Thrower F/JD 655, 755, 855 Tractors
- JD 47 2 Stage Snow Blower F/JD 855, 955
- JD 45 7' Rear Blades
- JD 770 4WD Tractor
- JD 855, 4WD Tractor
- JD 950, 4WD Tractor

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NH 1895 chopper, 1982 model, 4WD, 1,400 hrs., 6 cyl. Cat engine, 3RN corn head, 7' grass head
JD 2950 w/roll guard
JD 2950, 4WD, 38" rubber
JD 2750, excellent condition
JD 4240, cab & air, power shift
JD 2940, 4 WD
JD 2640, late model
JD 4020, late model w/roll guard cab
JD 4020, '67 model
JD 3020, diesel, WF
JD 4010, diesel w/cab
JD 4430, cab & air, quad range
JD 4230, cab & air, quad range
JD 4230, 4 post, power shift
JD 4630, 4 post, QR
JD 2840, high & low, dual hydraulics
JD 2520, diesel
JD 2440, excellent condition
Deutz 100-06 w/cab
Deutz 130-06 w/cab, 4WD
Deutz DX140, cab & air, 4WD
AC 7000 w/cab & air
AC 200
Ford 9700, cab & air
Ford 5000, late model
IH 1486, cab & air, very sharp
IH 1466, cab & air, 1 owner, 2,500 hrs.
IH 1066, red cab, radial tires
IH 1066, cab & air.....$9,000
IH 560 gas
IH 300, wide front
White 2-135, cab & air
Oliver 1855 w/cab
MF 180 diesel
MF 1105, cab & air, 2,500 hrs., 1 owner
JD 350, 6 Way Blade
JD 310 backhoe
Case 450 w/6 way blade
Bobcat 825 diesel
Bobcat 743
Axle mount duals for IH 38"
Roll guard for 2950..... $650
Turbo charger will fit 4020
NI 325 2 row narrow corn picker
NI 323 1 row picker

NEW 562 BELARUS

New 562, 65 HP, Diesel,
9 Speeds Forward, 2 Reverse,
4WD, Diff. Lock, Heated Cab
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Rts. 309 & 100
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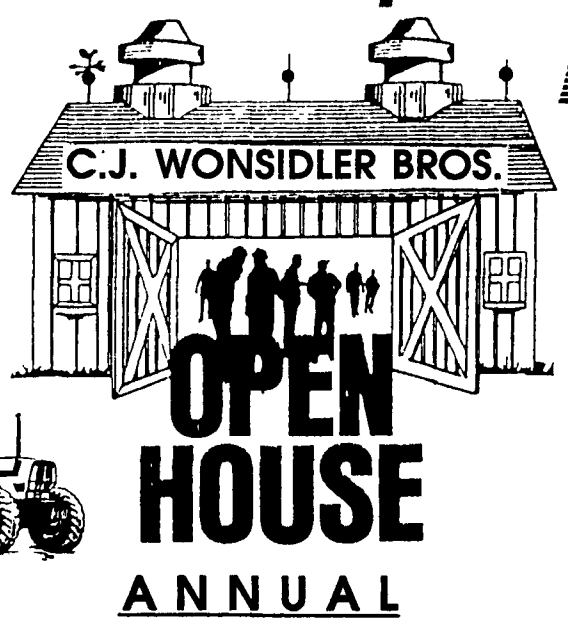
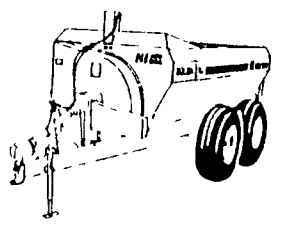
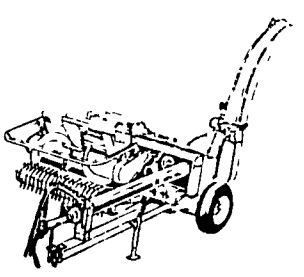


NEW IDEA

(215) 767-7611





ANNUAL
NEW TRIPOLI OPEN HOUSE
Friday, February 8, 1991
10 AM Until 10 PM

You are invited to step up into our new Deutz-Allis 6200, 7100, or 9100 series air-cooled diesel tractors. Hook up with quality built DA tillage, planting, hay and implements and you'll go a distance with power and performance that won't quit! See DA's Gleaner R40, R50, R60, and R70 combines built with every harvesting size in mind. View DA's full line of dependable lawn & garden and compact diesel tractors with work-matched attachments and implements for your home or farm.

New Idea, the leader, in quality, service, and price for all your manure spreader, hay and forage equipment needs will be on display...where you get more value for your dollar!

SPECIAL OFFER-- On **February 8, 1991,** All **parts** purchased will entitle you to a **10% DISCOUNT,** if **paid in cash** at time of sale.

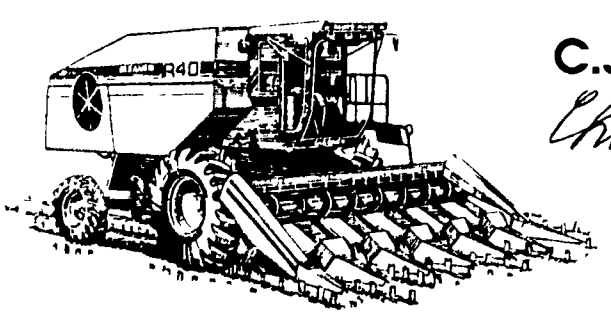
FRIDAY EVE. PROGRAM...."LUCKY NITE" featuring special NEW movie films on tractors, combines, and implements with **two grand prizes awarded.**

1st: $500.00 Gift Certificate towards the purchase of a new DA 40 H.P. or up farm tractor.

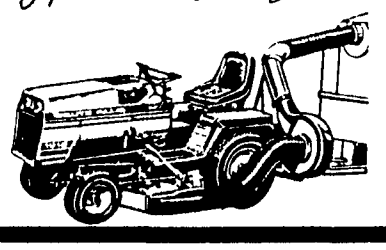
2nd: $200.00 Gift Certificate towards the purchase of any new DA Lawn & Garden tractor.

Hot refreshments and company representatives await your attendance. Don't miss your chance to WIN!

See Ya On The 8th,
C.J. WONSIDLER BROS.
Charles J. Wonsidler



Deutz-Allis R40 Rotary Gleaner Combines



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TROY-BILT TILLERS

UNVERFERTH WAGONS & BOX

ARPS LOADERS & HOES

BRILLION TILLAGE EQUIPMENT

COMBINES
NH TR-70 1979 Combine w/13' Grain Head And 6RN Corn Head
NH TR85 4WD w/Grain Head

HAY & FORAGE
NH 489 Haybine
NH 38 Crop Chopper
NH 469 Haybine
NH 30 Forage Blower
NH 315 Baler w/Thrower
NH 283 Baler w/Thrower
NH 278 Baler w/Thrower
NI 272 Cutditioner
NH 782 Harvester w/New Heads
NH 717 w/2 Row Cornheads
Gehl 5100 Round Baler
NH 256 Rake
Italian Tedder 2 Star
NH 1495 Self-Prop. Haybine, Dsl.

USED TRACTORS
Ford 8600 w/Cab, Dual Power, M&W Turbo Completely Rebuilt
Ford 8600 w/Cab, Dual Power
Ford 5000 Gas
Cub Lo-Boy w/Woods Mower
MF 35 w/Multi Power
AC WD w/Picker
Ford 1320 4WD, Hydro w/Ldr.
Ford 600
TW15 4WD, 188 Hrs.
TW15 4WD w/80 Hrs.
TW35 4WD

MISCELLANEOUS
Woods Mower 72" Belly Mtd. For 1910 Ford
NH Grinder Mixer 358, New Tank And Augers
IH 1150 Grinder Mixer
NH 357 Grinder Mixer
NH 513 Spreader

TILLAGE
Ford Demo Soil Saver 9 Teeth
New Wilrich 10 Tooth Chisel, 3 Pt.
Ford 152 6 Bot., Auto Reset
Ford 101 2 Bot. And 3 Bot. Trip Plow
JD 5X Plow
Brillion 16' Harrow
Ford 3X Rollover Plow
JD 12' Roller Harrow

USED INDUSTRIAL TRACTORS
Ford 455 TLB w/Extenda Hoe 2 Lever 74 Hrs.
Ford 555B 2 WD 14 Ft. Hoe Cab 2 Lever 199 Hrs. 16.9-28
NH L775 Skid Loader, Gas
Ford 4500 TL
Cletrac Dozer Model AG
Ford 555 4 Post ROPS
Caterpillar D5 Dozer w/6-Way Blade
NH L-35 Skid Loader, Gas w/Snow Blade
445A TL 3 Ph., 47 Hrs.
Ford 755 TLB w/3 Buckets

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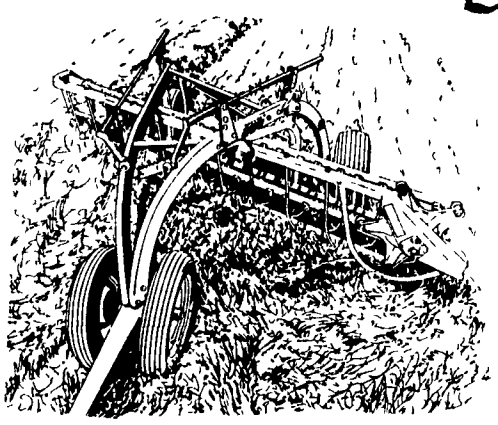
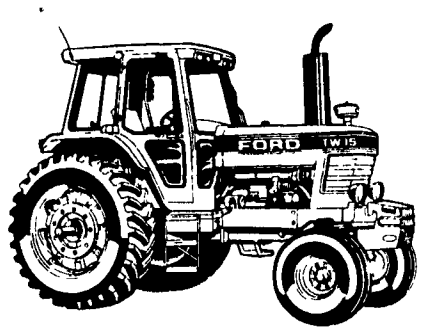
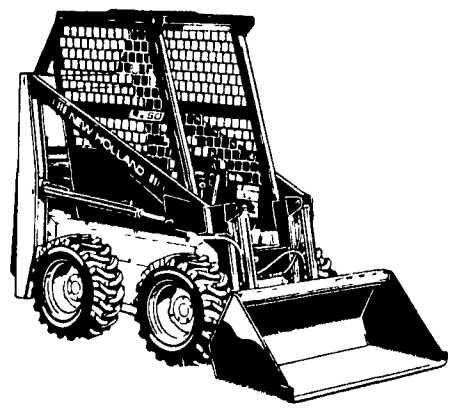


3-258 Rakes Rubber Teeth
Special **$3,450.00**
1-256 Rake Rubber Teeth
Special **$3,125.00**
2-Dual Rake Hitches
List $785.00
Special **$499.00**

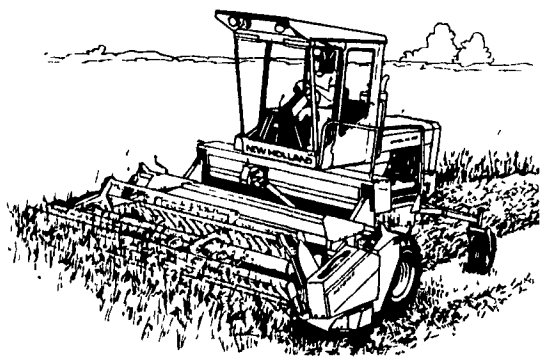


1-1988 TW-15 4/Wheel Dr.
14x9x28 Front Tires
18x4x38 Rear Tires
Cab, Air, Heater
Front Weights
3 Remotes, 83 Hrs.
$36,500.00

1-1987 TW-15 4/Wheel Dr.
14x9x28 Front Tires
20x8x38 Rear Tires
Cab, Air, Heater
Weights Front & Rear
4 Remotes, 190 Hrs.
$35,500.00

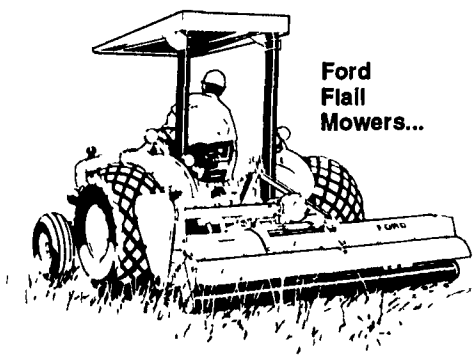


1-New Holland
L-250 Gas 12 Hr.
23x8.50x12 Tires
47" Bucket
$6,250.00



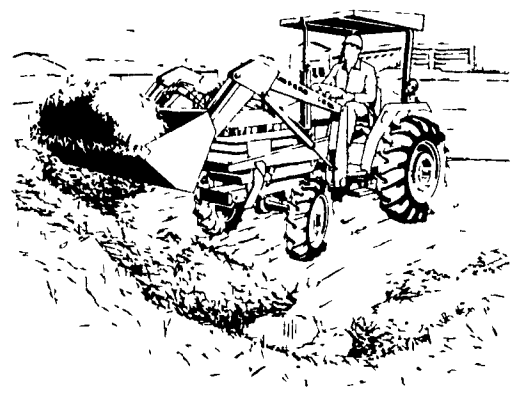
1-1495 Diesel Hydro
Clean One Owner
1445 Hrs.
Special **$16,500.00**

2-New Holland Model
610 101/2 Ton Single Axle Wagons With
12.5Lx1512 Ply
List $2,242.00
Special **$1,625.00**



Ford Flail Mowers...

1-New 917H Flail Mower
62" Steel Roller
List $2,179.00
Special **$1,450.00**



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CLEARANCE SALE NEW LILLISTON NO-TILL DRILLS
Model 9680, 18x7 ..... $12,750

USED COMBINE SALE

JD 4400D $12,500
JD 6600 LL $11,000
JD 6600 LL $20,000
JD 6620 SH $45,000
JD 8820 ..... $55,000
JD 653 ..... $3,800

TRACTORS

JD 2640 w/Loader
JD 4030
JD 2240 w/loader
JD 755
IH 300
Kubota L3750 w/loader

COMBINES

(2) JD 215 Flex
(2) JD 216 Flex
JD 216 Rigid
13' Quicktach
JD 213 Rigid
JD 444
JD 443

BALERS

JD 346 w/ejt.
(3) JD 336 w/ejt.
(2) JD 224 w/ejt.
JD 24T w/ejt.
JD 24T
JD 14T w/ejt.
NH 846 round baler
(2) NH 273
NH 268

MOWERS

5' NH 3 pt.

HARVESTERS

IH 650 w/2R & 5' pickup
JD 1R head
JD 3RN head

MISC.

8x18 bale throw wagon
Schuler 125 bunk feeder
Dual axle utility cart w/grain box
Calumet 2250 lq. spreader
Befco 6' flail, 3 pt.
FMC Orchard Sprayer
JD 660 hay rake

PLANTERS

JD 7000 6R w/dry fert.
JD 7000 6R w/lq. fert.
JD 7000 6R
AC 500 4 row

TILLAGE

Brillion 14' Cultivator
JD 925 10' Roller Harrow
JD BWA Disk, 14'
JD KBA Disk
JD 220 disk, 20'
Brady 12' Chisel Plow
JD 1600 4 btm.
JD F125 4 btm.
Massey Harris 1 Btm. Plow
IH chisel plow, 7 tooth
(2) IH 8' Disks

HAYBINES

(2) JD 1219
(2) JD 1209
(2) JD 1327 Discbine
Vicon Discbine 281
NH 479
(2) NH 489

CHUCK WAGONS

(2) JD 125
(2) IH 51
(2) AC 14'

GRAIN DRILLS

JD 8300 18x7
JD 8300 21x7
JD 8300 21x7 w/grass seed
JD 8250 14x7 w/fert.

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USED TRACTORS

Ford TW15 1986 Series 2, 4 WD, Cab & Air, 900 Hrs., Like new
Ford TW15, 4WD, Cab, air, weights, fully equipped, 1350 hrs., excellent
Ford 9600, Dual Power, Dual Remotes, 20x38 Tires, Hydraulic Filter Update
Ford 7710, 2WD, Cab, Air, Dual Power, Syncro-Mesh, Deluxe Hyd. Package, 2400 Hrs., Excellent
Ford 7700, 1980 Model, Factory Cab w/ Heat, Dual Power, Dual Remotes, Front & Rear Weights, Nice Cond.
Ford 7600 Dsl., Front & Rear Weights, New 8 Ply Tires, Very Good Condition
Ford 7000 Dsl. all purpose, dual power, dual remotes, very nice
Ford 5600, dual power, dual remotes, weights, roll bar & canopy, 2000 hrs., excellent
Ford 5000 Dsl. 1974 Model, flat deck, 2 remotes, excellent
Ford 4000 Dsl., 8 spd, flatdeck model w/new tires, nice cond.
JD 4020, 1971, side console, syn. range, w/factory cab w/heat, 2 remotes, Turbo, weights, original, nice
JD 4620 w/factory cab, power shift, 2 remotes, 20x38 radials, excellent
JD 4520 w/year-round cab, air, 3400 hrs., 2 remotes, very nice
JD 4320 factory cab w/heat, weights, 2 remotes, excellent
JD 4050, Late Model, 2500 Hrs., 15 Spd., Power Shift, Excellent
JD 3010 dsl., NF, very nice
JD 2950 4WD cab & air, 2 remotes, hi-low, 38" tires, excel. cond.
JD 4020 Dsl., Power shift w/weighs and yr. round cab
JD 730 Dsl., NF, 3 pt., PS, weights, nice cond.
JD 630, NF, 3 pt., PS, all original
JD 620, PS, 3 pt., w/JD 237 mounted picker
White 2-135, 1979, 2WD, Cab & Air, 2 Remotes, 20.8x38 Tires, 2800 Hrs., Good Condition
White 2-135, 4WD, 1981 Model, Cab, Air, 2500 Hrs., Excellent
White 2-105, 2WD, 1979, 18x38 Tires, Fender Tractor, 2 Remotes, Over/Under, Very Good Cond.
White 2-105, 4WD, 1980 Model, Cab, Air, 20.8x38 Tires, 2100 Hrs., Very Nice
White 2-85, Fender Tractor, 18.4x34 Tires, 3 Remotes, Over/Under, Very Nice
White 2-105, 2WD, Rollbar & Canopy, Front Weights, 20.8x38 Tires, Very Nice
IH 1086, beautiful red interior, cab, air, dual remotes, 2500 hrs., excellent
IH 1066 red cab w/air 3400 hrs., dual remotes, nice cond.

USED PLANTERS AND DRILLS

Brillion SS 10 seeder w/transport wheels and acre meter, nice condition
JD 7000 4RN, reg. planter, w/dry fert., good condition
IH 510 16 disc grain drill w/seed & grass seed, like new

USED PLOWS AND CHISELS

Oliver 4x16 auto reset w/coulters
Oliver 4340 3x14 Trailer plow
Oliver 548 5x18 auto reset w/coulter, excel.
Oliver 253 12' Finishing Disc, w/tandem wheels, very nice
Oliver 548 5x18 Auto Reset w/Coulter, excel.
JD 1450 5x16 cushion trip, semi mount, hyd. hitch, coulters, gauge wheel
Glenco 9 tooth soil saver, good condition
Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
Bushhog 3 pt. chisel w/gauge wheels, 8, 10, 12 tooth
JD 100 pull type chisel, 8 or 10 tooth
Ford 101, 316 mounted plow
White 588 5 or 6x18 auto reset, w/coulters, excellent

USED DISCS AND HARROWS

Kewanee 13' rock flex heavy duty cutting disc, very good cond.
Dunham Lehr 14' Cultimulcher, w/dual inboard wheels
JD 1520 12' Plowing Disc, dual wheels & cyl. big blades, nice condition
JD 215 13' Dura-cushion disc, tandem wheels, excel. cond.

USED FORAGE EQUIPMENT

Gehl CB1000 w/late model pu and corn head, electric controls, good cond.
Gehl CB760 w/P.U. head, wider kit, electric controls, very nice cond.
Gehl CB700 w/2RN corn, 540 PTO, hyd. sharpener, good cond.
NH 1880 self-propelled, cat dsl, hydro, 3 RN corn and pickup
AC long hopper blower PTO driven, excellent
NH 892 w/3 rn auger base or 2 RN and PU, elect. controls, good cond.
NH 770 w/2RN corn, P.U., HD 540, very nice

JD 5400 Self-Propelled 4 WD, Cab & Air, 3 RN Corn Head, 7' Hay Pickup Head, 2200 Hrs., Excellent

USED HAY EQUIPMENT

NH 258 Rake w/rubber teeth
NH 848 Round Baler, 2 yr. old, excellent
NH 316 Baler w/thrower, excel.
NH 479 Haybine, good condition
NH 499 12' hydro swing, excellent
NH 495 12' Haybine, excel.
NH 256 Rake, very nice
NH 847 round baler one owner, excellent
NH 489 Haybine w/stub guards,,very nice

MISCELLANEOUS

NH 679 Tandem Axle Spreader w/gate
MF 410 Combine 13' Hume reel, cab & air, extra nice
JD 18x38 axle mount duals
JD 244 2RW snapper head w/forage harvester adapter plate

USED SILAGE WAGONS

Papec Dion 3 beater w/roof and tandem
Lamco 2 beater, no roof
Lamco 2 beater, RH unload
JD 716A tandem, 3 beater w/roof
Artsway Dion, 3 beater w/roof, 12 ton tandem excellent

USED HARVESTER HEADS

NH 890 2 RW Corn
JD 2RW w/clutch
Gehl HA 900 hay pickup
Gehl 3RN late model, good cond.
Gehl 2RN Head, excellent
Gehl TR30 38 late model 2R adj. cornhead
Gehl 6' open end pickup w/dolly wheels
JD 7' Hay pickup w/wheels
NH 1 row corn head, fits 717 or 770

LOADERS

JD 48 Loader w/brackets, very nice
JD 148 Loader w/Extra Frame Work For Utility Style Tractors And Indep. Valve, Very Nice Condition

CORN PICKERS

JD 300 Husker w/2RN Or 2RW Head
NI 325, 2RN, 12 Roll Bed
NI 323, 1 Row
JD 620 Power Steering w/#237 Mtd. Picker

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980C
5¼ Yd. With General Purpose Bucket With Teeth, Nice Machine
$82,500.00
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OPEN HOUSE
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USED EQUIPMENT

TRACTORS
- Case SC Tractor
- Case 995
- Case 930 Tractor
- Case 430
- Case 1030
- Case 1370 w/Cab
- Case IH 7120
- IH 2500A Tractor
- David Brown 990 w/Loader
- David Brown 990
- Int. 544
- Int. 656 Gas
- Int. 826 Tractor
- Int. 1086 w/Cab
- Int. 1468 w/Cab
- Int. 656 Hydro
- Farmall 300 w/Loader
- Agri Power 8000
- Ford 4000 Tractor
- Ford 2000 w/Side Mounted Industrial Mower
- Ford 8N
- Hesston 60-66
- JD "B"
- MF 285

HARVESTING EQUIPMENT
- Hesston 2000-150 Harvester
- Hesston 2000-100 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 744N 4-Row Head
- NI 768 3-Row Head
- NI 705 Uni-System
- NI 709 Uni-System
- NI 315 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- NH 790 Harvester, 2RN, 6 Ft. Pickup
- Int. 234 Picker
- Badger Forage Box

MISCELLANEOUS
- NH 36 ft. Elevator
- NH 40 Ft. Elevator
- King Wise 28' Elevator
- Gehl 99 Blower
- IH 56 Blower
- Int. 600 Blower
- NI Blower
- Automatic Roller Mill
- Scavenger 1674 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- NH 353 Spreader
- HM 1674 Spreader
- 1257 Martin Spreader, Like New
- Gehl 350 Spreader
- Gehl 250 Spreader
- NI 243 Spreader
- JD 54 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- Ontario Drill
- Tye No-Till Drill
- JD FB-B 17 DD Drill
- JD 8300 Drill— Soybean Special!
- AC 6-Ft. Trailing Rotary Mower

LOADERS
- Case 450 Dozer
- Case 1530 Uni-Loader
- (3) Case 1835B Uni-Loaders, Diesel
- Case 1830
- Case 1845 Diesel
- Case 1845C Loader
- Case 580D Loader Backhoe- Like New!
- Case 1830 Uni-Loader
- Case 1835B Gas
- NH 445 Skid Loader

HAY EQUIPMENT
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- NI 404 Rake
- Hesston 3700 Tedder/ Rake
- (2) Hesston 1014 — Windrowers — 12' & 14'
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- IH 46 Baler
- JD 336 Baler
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler

TILLAGE
- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- Int. 6500 11-Tooth Soil Saver
- Int. 370 13-Ft. Disk
- Case IH 6500 9-Tooth Soil Saver
- Int. 720 4 Bottom, Nice
- Case Soil Saver — 7 Tooth
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- JD 210 Disk
- AC 16 Ft. Wing Disk
- Kawanee 10 Ft. Disk
- Oliver Disk
- Used Cultipacker

PLANTERS
- JD 1240 6-Row Planter
- IH 4-Row Corn Planter
- Brillion Seeder/Packer

NEW IDEA
HESSTON THE PRIME LINE

case IH

Excellent Used Equipment — Selling On Consignment — Call For Prices!

NI 802 Unisystem Tractor w/717 Uni Combine And More!
NI 900 4-Row Corn Planter
Farmall Super C Tractor w/ Cultivator
Hesston 4600T Baler w/4600BT Thrower
Case 1816C Skid Loader w/Bucket And Fork
NI 406 Hyd. Drive Hay Rake
Farmhand 817 Feed Grinder
Case 308 3-Bottom Plow
363 Manure Spreader Box w/ Single Beater
Woods Cadet "Bush Whacker" Mower
JD 8250 Grain Drill
Hesston PT10 Haybine
Case 970 Tractor
Case 2290 Tractor
NI 106 Spin Spreader
415 15-Ft. Packer Mulcher
Case IH 475 17½ Ft. Disc

ZIMMERMAN'S FARM SERVICE
½ Mile West Off Rt. 501 On School Rd., Bethel, Pa.
717-933-4114

case IH

MESSICK'S OPEN HOUSE
JANUARY 28 - FEBRUARY 2

See Section D Pages 11-17

MESSICK FARM EQUIPMENT, INC.
Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA.
Phone. (717) 367-1319, 653-8867 OR CALL TOLL FREE 1-800-222-3373 We Ship UPS

MITSUBISHI DIESELS!

MITSUBISHI ENGINE

We are a franchised factory direct distributor, there is no middleman. Therefore, we can sell this premium quality product at volume prices. MITS diesels are smooth, quiet and efficient. They have been almost 100% fault-free in operation.

We stock MITSUBISHI diesels extensively from 15 Hp up to 315 Hp, in both Industrial and Gen-Drive versions.

Have it your way - we custom dress engines to your requirements - from basic engine to fully dressed drop in power unit with radiator mounted.

- Call us for information and data. Engine dealer - discounts available, Offered in PA, NJ, DE & MD.

- Specials -

MITSUBISHI ENGINE

(2) New MITSUBISHI 6D22 Diesels, 6 Cyl. 680 CID, 204 Hp @ 2200 RPM. With Starter, Alt., Flywheel, Housing, Mounts, Air Cleaner, And Radiator Loose. New Warranty..... $7,295

(5) New L3E MITSUBISHI, 3 Cyl. Mini-Diesels, 23 Hp @ 3600 RPM, 12.6 Hp @ 1800 RPM. Full Drop-In Power Unit Version w/Radiator Included. 175 Lbs. New Warranty..... $2,200

Bargain Hunters Special! New Surplus MITSUBISHI Diesel Engines. We Bought Them Right — We're Selling Them Right To Move 'EM

S4F-T 77 Hp @ 2500 RPM, 4 Cyl. Turbo-Diesels w/Lube Oil Cooling. Full Power Unit Version. 650 Lbs..... $3,150

2) S6E2-T 100 Hp @ 2500 RPM 6 Cyl. Turbo-Diesel w/Lube Oil Cooling. 850 Lbs. (*)..... $3,675

(*) With Starter, Alternator, Flywheel, Housing, Radiator Loose, And Mounts Warranty: 12 Mo. Parts Only Warranty.

Stauffer Diesel Inc.

Ephrata, PA 17522
(717) 738-2500

Irwin, Pa. 15642 (Pittsburgh)
(412) 864-6969

JD 4040 Tractor
w/power shift
w/snow plow
Zimmerman 40'
elevator
(717) 285-7662

ATTENTION FARMERS

If you have deteriorating concrete masonary or stone walls, have it repaired with GUNITE®

For information and estimates call
Martins Silo Repair
(215) 445-9834

WISCONSIN ENGINES

USED EQUIPMENT

NI 216 Spreader w/Endgate	$2,250
NH 273 Baler w/Thrower	$2,250
★ NEW★ NI 323 Corn Picker	$5,000
NI 323 Corn Picker	$3,100
Brillion 10' Packer Seeder	$2,200
NH 472 Haybine, Very Nice	$4,200

USED TRACTORS

IH 806	$5,500
AC XT190 Rebuilt Engine	$7,000
MM G1000 Vista, Cab, 18-4-38 Tires	$5,400
JD 730 Direct Start	$3,250
Ferguson 30	$1,900

AVCO VM Diesel

MILLER'S REPAIR
1 Mile North of Bird In Hand
8 Miles East of Lancaster
RD 1, Bird In Hand, PA Ph. 717-656-6109

Best Buys in Used Equipment

TRACTORS

AC D17	IH 574 w/Loader	(2) Case IH 7120
AC 220	IH 966	Case IH 7130 MFD
AC 190XT	JD 4040	Case IH 7120 MFD
White 2-135	JD 4230	Case IH 9130
IH 3488 Hydro	JD 4840	Case 1835C Skid Steer
IH 340 w/Loader	JD 4650 MFD	Case 2590
IH 886	JD 2150 MFD	ST Panther II
IH 806	JD 4440	ST 220
IH 4366	JD 7020	ST PT225
IH 484	MF 2675	Farmall H
IH 684	MF 20, Gas	Farmall F20

DISCS

JD 230, 21'	IH 37, 10'	KR 1577 18'
JD 230, 20'	IH 496, 22'	KR 1425, 20'
MF 820, 30'	IH 370, 12'	SF 20'
Ford 230 16'	KR 2440	SF 29'
BH 24'	KR 1966, 31'	SF 24'
IH 490, 22'	KR 2416, 26'	TW 15'

TILLAGE

Lilliston 6RN Cultivator	MK 37' Field Cultivator
KR 3131 Landsman	MK 6R Cultivator
KR 4250 Field Cultivator, 52'	JD 1600 Chisel Plow
(2) KR 3127 Landsman	JD 2350-2450 8x18 Plow
IH 710 Plow, 7x16	BR 14' CF Packer
Case IH 720, 6x16 Auto. Reset	BR 15' Cultimulcher
ST 15' Chisel Plow	BR 12R Cultivator
AC 7x16 On Land Plow	BR 16' Field Cultivator
AC Field Cultivator	BR 25' Cultimulcher
Chatanooga 12' Cultimulcher	BR 19' S Packer
WR 32' Field Cultivator	BR 12' Packer
Athens 15' Chisel Plow	WR 10x18 Plow
White 20' Field Cultivator	

MISCELLANEOUS

Haybuster Tandem No-Till Drill 24'	NH 717 Forage Harvester
Krause 5215 No Till Drill 15'	NH 791 Manure Spreader
FD F-600 Dump Truck	Case IH 900 Planter 6RN
(3) JD 6R Shredder	IH 10 Drill, 18x7
JD 737 15' Mower	IH 510 Drill 18x7
JD 7000 Planter, 8 Row	IH 50 Shredder
JD 66 Blower	

HAY EQUIPMENT

IH 46 Baler	NH 65 Baler
IH 440 Baler	NH 90 Bale Stacker
IH 47 Baler w/Thrower	NH 488 Mower Conditioner

COMBINES

(2) Case IH 1680	IH 1440	MF 760
IH 1460	(2) JD 8820 4WD	MF 510
IH 715	* JD 6600	(2) MF 750
IH 915	JD 7720 4WD	

Large Selection Of Cornheads And Platforms Available
* Just Traded

HOOBER
HOOBER EQUIPMENT INC
MIDDLETOWN, DE
(302) 378-9555 1-800-341-4028

case IH

1 FARM EQUIPMENT

3600 gal. Better-Built Spreader
2 year old top fill tank, coated inside and out w/injectors
(717) 464-5131

Forney 15/12 KW PTO generator, $650
15x38 IH Rim, $75
Front Bolster Wheels and rims for Farmall H-300-350, $100
1 ton chain hoist, $35
200 gal. gas tank w/pump, $85
Several registered Holstein cows and heifers
Wo-Bo Farms
215/847-2619

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & AVAILABLE WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN DELIVERY AVAILABLE

Tractors

1984 JD 4850 MFWD duals & weights
1985 4650 MFWD duals & wts., power shift
JD 4450 power shift factory cab & air, 714 hrs., very nice
JD 4250 2 wheel power shift, factory cab & air, very nice
JD 2950, cab w/air, 1800 hrs.
JD 2950 2 wheel fender tractor
JD 4640 cab, air, quad, rebuilt engine w/ duals, very nice
1980 4440 cab, air, quad
'79 JD 4440 cab, air, quad
1982 JD 4240, power shift, cab, air, 2500 hrs., very nice
1982 JD 4240 power shift, cab & air, very nice
1982 4240 quad, cab, air, sharp, 2350 hrs.
JD 4040 quad, cab, air, very nice
JD 2940 w/mechanical front
JD 4430 factory cab & air, quad range
JD 4430 cab, air, power shift
JD 4230 cab, air, quad, very nice, recent engine overhaul, radials
JD 4230 quad, cab & air
JD 4030 gas, WF, fender tractor
JD 2630 w/reverser, cab, recent overhaul
JD 4320 w/fac. cab
JD 4320, cab and air
JD 3020 gas
JD 2020, SOLD tility
JD 620, LP gas, 3PT, PS, very nice
JD SOLD T, NF
IH 5288 MFWD cab, air, nice, '84 model
IH 3688 factory cab & air
IH 3088 radials, '84 model, sharp
IH 1486 factory cab & air, low hrs., very nice
IH 1486 factory cab & air
1981 IH 1086, factory cab & air, very nice
IH 1086 factory cab & air, 1909 hrs.
IH 1086, ROPS
IH 1066, fender tractor, very good
IH 1066, fender tractor, new TA, sharp
1980 IH 986 factory cab & air
(2) IH 986, cab & air, new TA
IH 786, 4 post
IH 86 hydro, WF, 3PT, nice
IH 1566, red cab, w/air, sharp
IH 1466 red cab w/air
IH 966 fender tractor, WF, 3PT
IH 966 w/cab, clean
IH 966 w/rebuilt hydro
IH 766 w/year round cab, nice
IH 856 fender tractor, WF w/complete engine overhaul, 3PT, very nice
IH 856, diesel, WF, 2PT
IH 826 D, gear, 3PT, WF
IH 784, 1050 hrs., very nice
IH 784 row crop w/1900 hrs.
IH 684 w/cab
IH 584 utility w/1050 hrs.
IH 674 diesel, very nice
Farmall 300, gas
Allis Chalmers CA w/NF
Yanmar 276 28HP diesel, 4 wheel, 231 hrs. w/Woods belly mower

JD 450C crawler dozer w/6 way blade

Case IH 1989 model 7110 Magnum w/170 hrs., 2 wheel drive, like new

Uni Systems

NI 708 hydro, cab & air, very nice
NI 702 gas w/cab & air
NI 813 & 815 (low acre flex heads)
NI 711, 713 & 715 grain heads
NI 710 combine, good machine
(2) NI 717 combine (1 late model)
NI 767 Super chopper w/3RN and hay head
NI 846, 6RN
NI 725, 735, 738 corn head
NI 727 husker, low acres, very nice
NI 727 husker & 737 husker

Implements & Misc.

IH 720 5x18 toggle trip
IH 2250 quick-attach
Owatonna 345, Ford 4 cyl. ind. gas engine, skid loader
Cabs for IH 706 thru 1466
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Complete rebuilt M&W Turbo kit for IH 856
Wilrich 9 Shank Chisel w/Front Cutter Blades
JD 1610 pull type spring tooth chisel
IH 475 19' disk, hydraulic wing fold
JD KBA disc 8'

Heads

(2) MF 1143 4RN corn head, good cond.
MF 1144 4RW corn head
NEW MF 9113 flex heads
MF 1859 13' flex w/U11 reel
MF 13' grain head
(2) IH 863 6RN
IH 943, 4RN
IH 820, flex 13'
IH 810 15' grain head
JD 643, 6RN
JD 443, 4RN
JD 443, low profile, 4RN
JD 216 flex head, nice
(2) 215 flex heads, nice
JD 215 flex, needs rebuilt
JD 213 flex head
(2) JD 100 series rigid 13' heads, very nice
JD hay pickup head, 5½'

Combines

1984 6620 level land, very nice
JD 7700 diesel, hydro w/air, 1978
JD 6600, diesel, air, 1976 model, nice
JD 4400 diesel, '77 model w/air
MF 850, 4WD, 1300 hrs., 1982 model

Used Parts

IH 544 diesel, hydro Farmall
IH 504 utility
IH 856 diesel
IH 706 diesel
IH 1256
IH 70 hydro
IH 806 diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D & 701 G
JD 4020 dsl., powershift
JD 3020 G
NI 717 combine
IH 706 gas tractor
Farmall H & M
IH dual PTO units
IH 826 diesel

Have Part Number Ready — We Ship U.P.S.

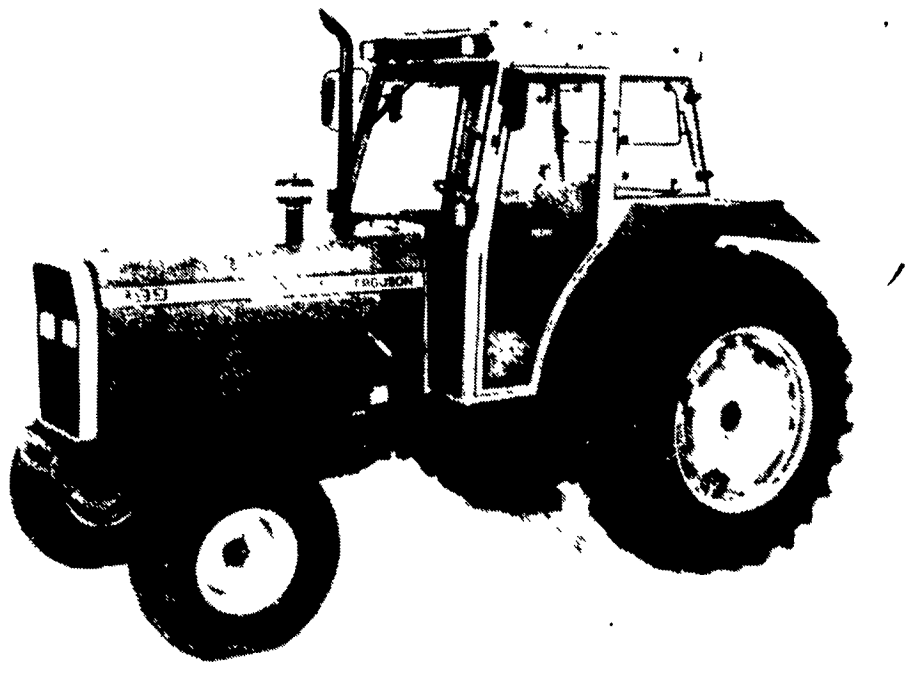
Box 191 New Providence, PA 17560
(717) 786-1606
Mon.-Fri. 8-6, Sat. 8-4

M.M. WEAVER & SONS, INC.

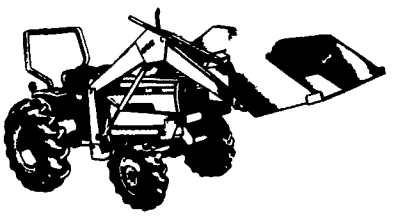
55th ANNIVERSARY SALE DAYS

January 2nd thru January 31, 1991

MF TRACTOR & COMBINE HEADQUARTERS



Massey-Ferguson's popular M-F 300 Series tractors are now available with an air-conditioned HiLine Cab.



35 Compact Tractors Back From Lease Contracts

Low Hours - Low Prices

MASSEY-FERGUSON VARITY

THE ONE TO SEE

1030 - 2WD, 26 HP, Ag Tire	$6,700
1030 - 4WD, 26 HP, AG Tire	$8,000
1035 - 2WD, 31 HP, Ag Tires	$7,600
1035 - 4WD, 31 HP, Ag Tires	$8,900
1045 - 2WD, 35 HP, Ag Tires	$8,650

NEW AND USED IMPLEMENTS

PLOWS & TILLAGE

MF 115 Coulter Chisel Plow	$5,200
Landoll Field Cultivator	$2,800
Sovema 3 pt. Rotary Tiller	$1,075
MF 6 Row Cultivator	$800
Noble 4 Row Cultivator	$2,150
Unverferth Field Cultivator	$2,300
Yetter 15' Rotary Hoe	$2,625
JD 15' Cultimulcher	$3,500
JD AW 11' Disk	$1,200
Ford 4-16" 3 Pt. Plow	$800

ROTARY CUTTERS, BLADES & LOADERS

Woods RM600 Rotary Cutter	$1,550
Brady 840 Stalk Chopper, 84"	$3,200
MF 220 5' Rotary Cutter	$1,050
York 75 HP Rated 8' 3 pt. Blade	$1,075
York 100 HP Rated 8' 3 pt. Blade	$1,275
Dunham 22 Front End Loader	$3,350
Dunham 30 Front End Loader	$2,800
Myers Front Mtd. Snow Blade	$1,400
Woods 306 Mid Mount Mower For A 1700 Ford Tractor	

MISC. EQUIPMENT

Danuser 3 pt. Wood Spliter	$780
Danuser 3 pt. Post Driver	$1,200
Shaver 3 pt. Hyd. Post Driver	$1,700
E.Z. Trail 8 Ton Running Gear	$1,150
Tye No Till Grain Drill	$7,500
New 14' Belt Elevator	$1,175
Holland Plastic Mulcher	$1,500
JD Hydro Push Spreader	$2,500

HAY EQUIPMENT

Vicon RP1510 Demo Model	$7,900
McKee Round Baler 4x5	$3,500
J Bar 3 pt. 4 Wheel Rake	$475
MF 228 Baler w/Thrower	$4,500
MF Forage Blower	$1,900
Gehl 1710 Round Balers	$5,500
Hesston 3700 Rake Tedder, 1 yr. old	$2,200
Vicon KM 281 Discbine	$5,500
NH 495 Haybine	$2,900
NH 495 Haybine	$1,900
Vicon CM 240 Disc Mower	$1,500
NH 489 Haybine	$3,500

USED TRACTORS

MF 1085	$5,800
MF 1085	$4,900
MF 265	$4,700
Case 1690 4WD	$11,000
Case 1490 Power Shift	$12,500
IH 464 (New tires)	$4,900
IH 674	$3,500
IH 240 w/Loader	$2,800
Farmall 460 Tricycle, Belt Pulley	$2,500
Ford 8N	$2,900
Ford 901 Tricycle	$2,500
JD "L" Restored	$2,750
JD 1010 Dsl. Crawler Loader	$4,500
JD 2010 Gas	$3,500
JD "B" w/Cultivators & Sickle Mower	$1,000
Skid Steer #1644 Loader, Demo Model	$12,800
MF 2640, 4 WD, 90 HP, w/Loader	$20,000
MF 2745, 140 HP	$13,000

USED COMBINES

1984 MF 860 Hydro V8	$23,500
1981 MF 860 Hydro V8 Four Wheel Drive	$25,000
1977 MF 760 Hydro V8	$16,000
MF 9118 Flex Head	$6,000
MF 9118 Flex Head	$6,000
MF 550 Combine w/MF 1143 Corn Head	

This Is Where You Can Get Your Rotary Or Conventional Combine

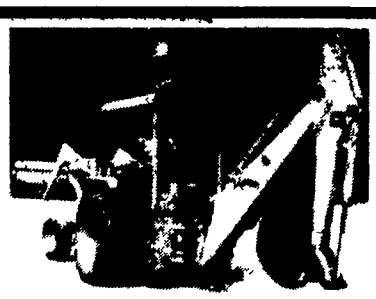
SEE JANUARY 12TH ISSUE FOR PARTS SPECIALS PAGES C24-25

MASSEY-FERGUSON

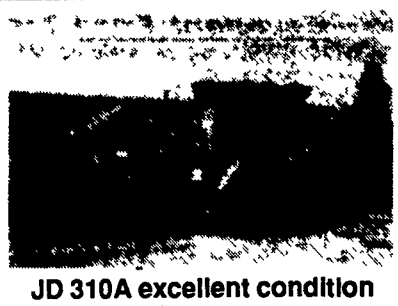
M.M. WEAVER & SONS, INC.

Leola, PA 17540 Phone: (717) 656-2321

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd, 1 mile on the right, opposite Groffdale Mennonite Church



1981 JD 410
$10,000

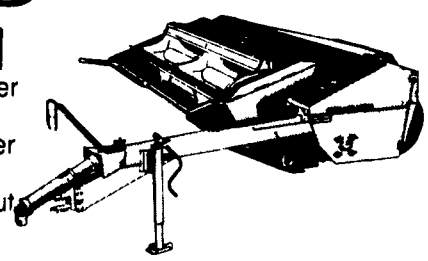


JD 310A excellent condition
$11,000

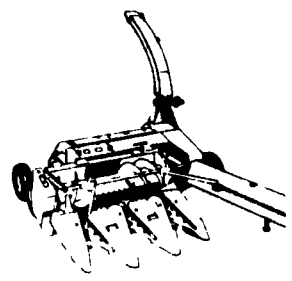
Nelson Payloader cummins $3,500
JD 9300 Backhoe attachment $2,800
JD 2010 Crawler Loader $6,500
JD 450B, 6 way, new grousers $10,000
(2) JD 450 crawler loader, $9,000 choice
Case 480B backhoe, $6,800
Case 480D backhoe, $10,000
JD 9300 backhoe attachment $3,200
Like new ripper for JD 350 or 450 $750
Winch for JD 350 $800
IH T5 Crawler loader w/PTO & belt pulley $2,500

J & F Equipment
(717) 859-3283
No Reasonable Offer Refused

USED EQUIPMENT

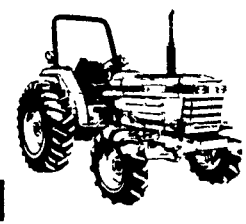


HAY & FORAGE
NH Super 68 Baler w/Thrower
NH 275 Baler w/Thrower
NH 276 Baler w/Bale Thrower
NH 310 B SOLD /Thrower
NH 326 Baler w/¼ Turn Chut
NH 411 Discbine
NH 489 Haybine
NH 890 Forage Harvester
NH 770 Forage Harvester
JD 1219 Haybine



FORAGE HEADS
NH 770 R-2 2 Row Corn Head (Wide)
NH 880W Hay Pickup Head
NH 880 N-2 2 Row Corn Head (Narrow)
NH 880 R-2 2 Row Corn Head (Wide)
NI 762 Uni 2 Row Corn Head (Wide)

FORAGE BLOWERS
NH 27 Forage Blower
NH 28 Forage Blower

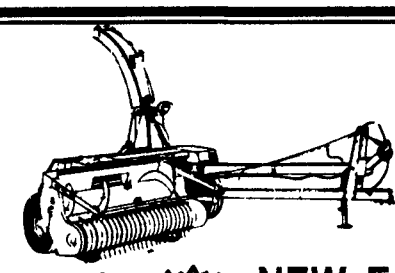


MANURE SPREADERS
NH 519 w/Hydraulic End Gate
NI 218 w/Hydraulic End Gate

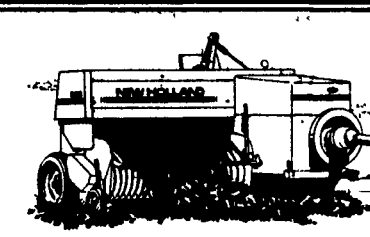
GRINDER MIXERS
NH 357 Grinder Mixer

TRACTORS & BACKHOES
Ford 555 TLB Backhoe (No Cab)

SHARTLESVILLE FARM SERVICE
R.D. 1, Box 1392
Hamburg, PA 19526
Phone: (215) 488-1025



Ford
FORD
NEW HOLLAND



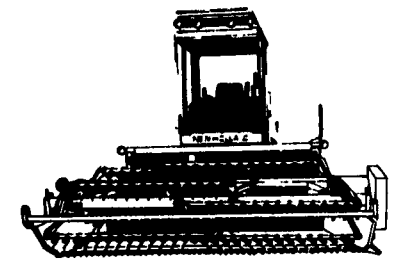
OPEN HOUSE FEBRUARY 5 & 6 WATCH FOR DETAILS IN NEXT ISSUE

NEW EQUIPMENT SPECIALS

NH HAY & FORAGE EQUIPMENT	LIST	F.O.B. CASH
NH 254 Rake Tedder, Demo	$ 4,520	$ 3,100
NH 258 Steel Tine Rake	$ 3,953	$ 2,795
NH 520 Manure Spreader, T-Rod	$ 5,140	$ 3,900
NH 256 S Rake	$ 3,397	$ 2,400
NH 256 R Rake	$ 3,633	$ 2,550
NH 258 R Rake	$ 4,213	$ 2,950

We have a large inventory for you to survey when purchasing your new equipment.

Free Financing Hay & Forage Equipment til 6/1/91
or
Finance Rates: 0% - 12 Months- Grinders & Spreaders
0% - 18 Months- Hay Equip. Only
or
Check with us for Big Cash Rebate Amounts



DEPENDABLE MOTOR CO.
East Main St., Honey Brook, Pa.
215/273-3131 or 215/273-3737

OPEN HOUSE

WED., JANUARY 30 THRU FRI., FEBRUARY 1, 1991

Join Us For The Lastest On Deutz-Allis Equipment!

KARCHER PRESSURE WASHERS
in stock now and on special during Open House

Refreshments Available All Day!

10% OFF ALL DEUTZ-ALLIS PARTS!

BATTERY CHARGERS

	Reg.	SPECIAL
• 10 amp auto shut off	$45.21	$38.43
• 15 amp dual range	$86.36	$73.41
• 30 amp dual range	$110.00	$93.50

4x6 HALOGEN HEADLIGHT ASSEMBLY
Reg $19.43
NOW $17.49

WINTER SERVICE SPECIAL
10% OFF parts and labor on all major repairs
FREE TRUCKING
Offer Good Thru 3/1/91

MANY MORE SPECIALS DURING OPEN HOUSE!
STOP IN AND SAVE!!

CHECK OUR LAWN & GARDEN SPECIALS! | WE SHIP UPS DAILY

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"Your Newest Deutz-Allis Dealer"
DEUTZ ALLIS
AN ALLIS GLEANER COMPANY
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2095 S. Market St., Elizabethtown, PA

TRUCKLOAD OIL SALE

Our Truckload Has Arrived!

Order Now! Limited Supply!

	HYDRAULIC OIL 821xL	MOTOR OIL 15-40W	MOTOR OIL 30W	ATF FLUID Transmission
2½ Gal.-	$12.24	$11.77	—	—
5 Gal. -	$23.88	$23.22	$22.37	$24.47
55 Gal. -	$233.14	$218.57	$212.41	$249.47

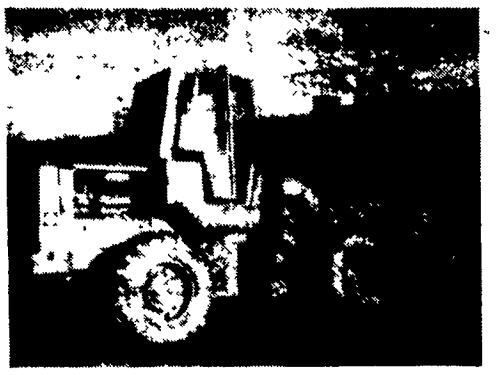
GREASE TUBES - $1.10 Ea. (By The Case 10/cs)

CHECK OUR LAWN & GARDEN SPECIALS! | WE SHIP UPS DAILY

HERNLEY'S REPAIR SERVICE
"Your Newest Deutz-Allis Dealer"
DEUTZ ALLIS
(717) 367-8867
2095 S. Market St., Elizabethtown, PA
(Rt 230 Between Mt Joy and Elizabethtown)

Engine Parts — Gaskets

Cylinder Heads
Rebuilt or Exchange
Engine Rebuilding
Spring Garden Repair
RD 1, Box 204
Kinzer, PA 17535



920 Cat Loader
With Hold Down Clamps With Waste Bucket, Runs Well and Looks Good
$16,500
717-438-3354

Excellent Ford Tractors

TW25, 4WD, cab, air, weights, 20.8x38 radials, 1,130 hrs.
TW10, cab, air, weights, dual power, 2,900 hrs.
4600 dsl., 16.9x30 tires, 2,300 hrs.
3000, gas, 8 spd., live PTO, PS, weights & remote, 3,200 hrs.
1720, 4WD, w/QT Loader, 265 Hrs.
8N w/weights

Equipment

NH 492 haybine w/hydraulic kit
NH 489 haybine, excellent
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Dunham loader w/valve bucket & forks, excellent condition, brackets fit Ford tractors
Agtek (Sauder) 7' hydraulic lift & angle snow blade, like new
All tractors used on our farms

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Case 580B extend-a-hoe, 4 in 1 bucket, excellent condition. $8,500. (215)277-5428 Ask for Carl.

1988 Ford 550B
4WD, Loader Backhoe, Only 550 Hours. Excellent Condition
Asking
$31,500
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EQUIPMENT FOR SALE
Int. 500C Dozer, 6-way blade
Case 580 Backhoe
1975 GMC Dump Truck
Tri-Axle Trailer
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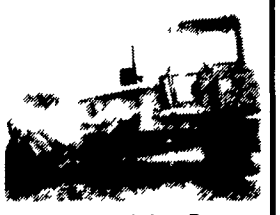

1977 755 John Deere Crawler/Loader Just Had Major. Good Shape, 4700 Hours
$18,500 OBO

1986 Ford Backhoe 655A (3 Buckets), Full Cab, 4x4, Extend-a-Hoe, Good Shape, 1500 Hours
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1980 GMC Brigadier Dump Truck, 33,000 GVW, New 10' Dump Box, 220 Cummins, 9 Speed, R-R, PS, AC, Perfect Truck With Hitch For Trailer
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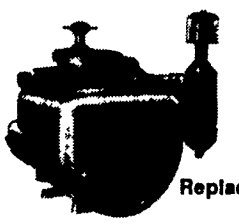

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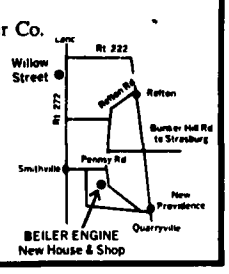

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Farmall 460 diesel
Farmall 806 diesel, WFE, 3 pt., cheap H.P.
AC 160 w/Perkins diesel, new motor, 45 HP
Case 630 diesel, PS, Eagle hitch w/belt pulley
Farmall 400 diesel w/belt pulley

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IH 510 16x7 disc, grass & fertilizer, nice

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JD 400 grinder mixer
NI 12A manure spreader
NH 519 manure spreader
NI 224 tandem axle manure spreader

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IH 55 pull type 7 or 11 tooth chisel plow
Pittsburgh 8' wheel disk, nice
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JD 555 loader, new engine, good bottom, very good, $18,000. 3 axle tag-along trailer, $1,500. (301)867-1888.

SKID STEER LOADER, NH L555, low hrs, $6,800 301-833-9091

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BACKHOE ATTACHMENT WOODS 3 pt, 10' depth, $2,800 301-833-9091

BACKHOE CASE 580B, extra nice, $6,500 301-833-9091

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1a CONSTRUCTION EQUIPMENT

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MF 255 Dsl. 60% Rubber, good cond looks good, coming in $5,900
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JD 4400 dsl complete engine overhaul, clean machine, good rubber, nice $7,900
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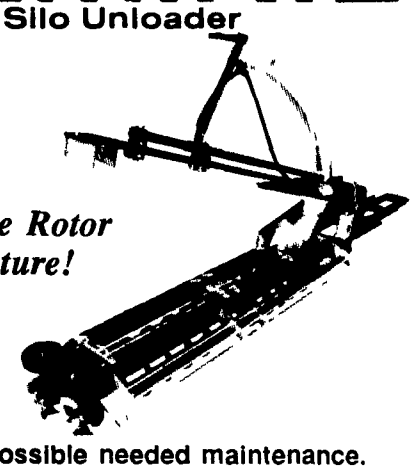

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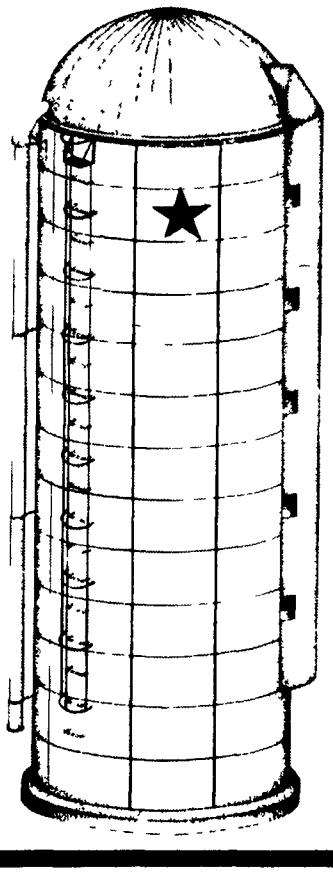

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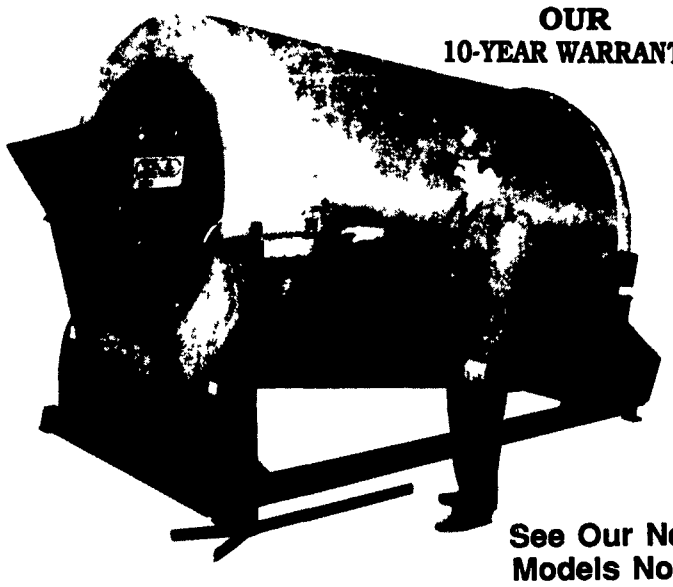

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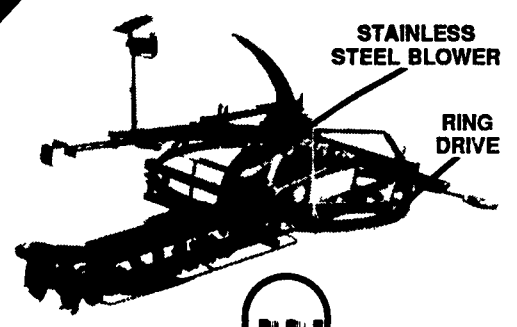

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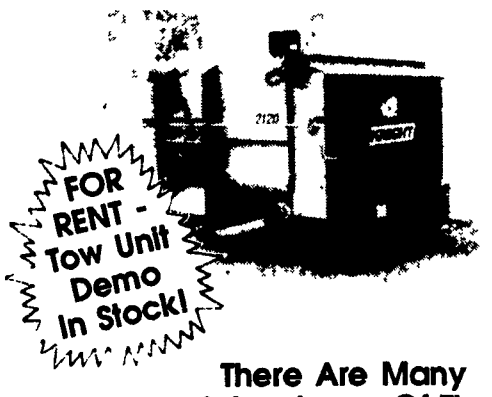

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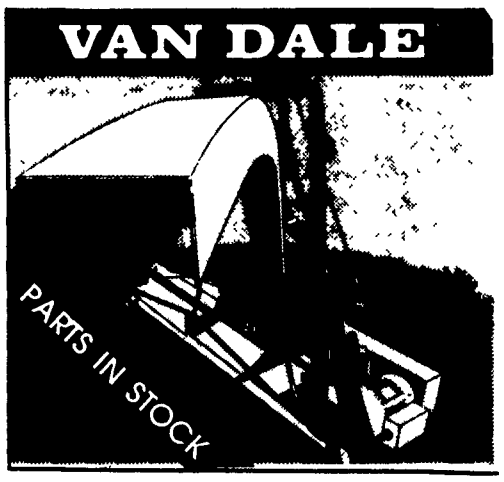

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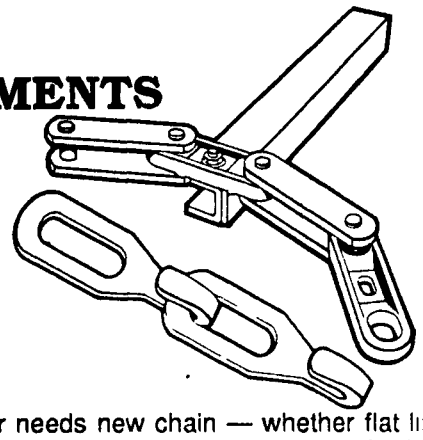

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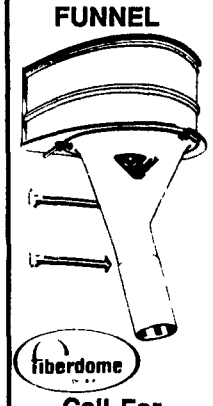

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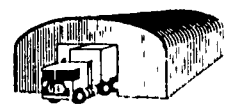

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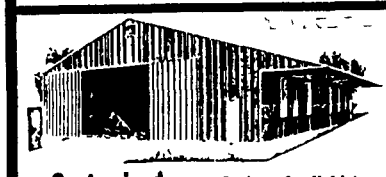

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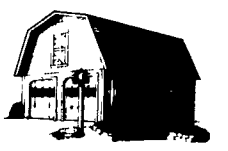
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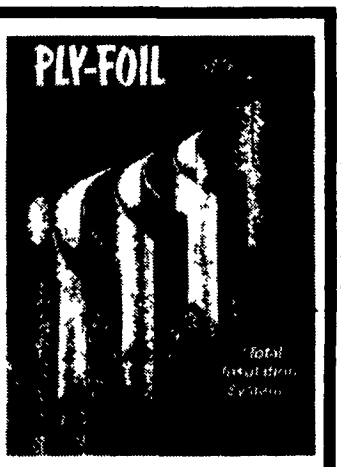

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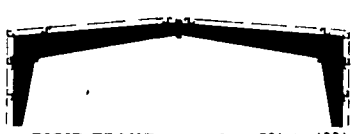
Choose Your Own Structural System.


RIGID FRAME Spans from 20' to 120'

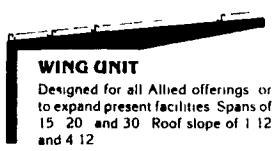
HI-SPAN Spans from 20 to 120

SPACE SAVER 20 to 60 Roof profile 1 12

Solid steel. Sound design.

From a simple, basic steel structure to the most elaborate shopping mall, we begin with expert engineering, add a touch of eye pleasing design, and finish by using nothing less than top grade materials The result is a metal building system that we can put our name on with confidence

BEAM AND COLUMN
Modular flexibility with tapered frame strength and savings Choose from 1 column module unit span from 80 to 150 2 column module unit to 180 3 column module unit to 240 Roof slope 1 12 Eave heights from 12 2 column module illustrated


WING UNIT
Designed for all Allied offerings or to expand present facilities Spans of 15 20 and 30 Roof slope of 1 12 and 4 12

ENGINEERED CUSTOM DRAWINGS
BEAUTY, DURABILITY AND SAFETY OF STEEL MEANS BETTER INSURANCE RATES

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10-16.5 6 Ply

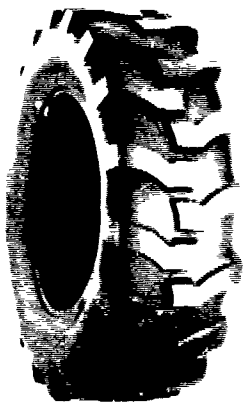
ARMSTRONG

$77.00

Save on Armstrong for the Farm

ARMSTRONG

Loader-Dozer



★ TUBELESS ★

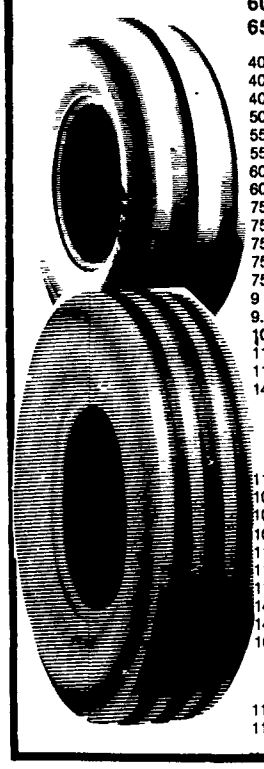
16 9x24, 8 Ply	$289.00
16 9x24, 10 Ply	$394.00
16 5x28 8 Ply	$317.00
17 5Lx24, 6 Ply	$291.00
17 5x24, 8 Ply	$295.00
17 5Lx24, 10 Ply	$392.00
15 5x25, 12 Ply	$352.00
17 5Lx25, 12 Ply	$499.00
18 4x24, 8 Ply	$419.00
18 4x24, 12 Ply	$497.00
19 5Lx24, 10 Ply	$470.00
19 5Lx24, 12 Ply	$517.00
12Lx24, 12 Ply	$602.00
20 5x25, 12 Ply	$833.00
23 5x25, 12 Ply	$1,265.00
23 5x25, 16 Ply	$1,340.00

ARMSTRONG

★ TUBE TYPE ★

14 9x24, 6 Ply	$242.00
14 9x24, 8 Ply	$256.00
16 9x24, 6 Ply	$264.00
16 9x24, 10 Ply	$350.00
18 4x28, 10 Ply	$415.00
1300x24, 10 Ply	$278.00
1300x24, 12 Ply	$307.00
1400x24, 10 Ply	$312.00
1400x24, 12 Ply	$350.00

FRONT TRACTOR - Shipped UPS No Charge



★ 3-RIB ★

600-16, 6 ply	$40.00
650-16, 6 ply	$42.00
400-12	$26.00
400-15	$28.00
400-19, 4 Ply	$36.00
500-15	$36.00
550-16, 4 Ply	$39.00
550-16, 6 Ply	$42.00
600-14, 6 Ply	$62.00
600-16, 4 Ply	$42.00
750L-15, 6 Ply	$54.00
750-16, 8 Ply	$64.00
750-16, 6 Ply	$60.00
750-18, 6 Ply	$71.00
750-20, 6 Ply	$98.00
9 5L-15, 6 Ply	$69.00
9.5L-15, 8 Ply	$76.00
10 00-16, 6 Ply	$92.00
11Lx15, 8 Ply	$87.00
1100-16, 8 Ply	$128.00
14L-16 1, 8 Ply	$200.00

★ 4-RIB ★

11L-15, 8 Ply	$91.00
10 00-16, 6 Ply	$90.00
10 00 16 (TL), 6 Ply	$113.00
10 00 16 (TL), 8 Ply	$123.00
11 00 16, 6 Ply	$112.00
11 00 16, 8 Ply	$120 00
11 00 16 (TL) 8 Ply	$134.00
14L-16 1 (TL), 6 Ply	$218.00
14L 16 1 8 Ply	$213.00
16 5L-16 1 (TL), 8 Ply	$320.00

★ 5-RIB ★

1100x16, 12 Ply, Tubetype	$169.00
1100x16, 12 Ply, Tubeless	$186 00

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Super Hi Traction Lug Radials

18.4R38 ★
490.00

18 4R34 ★	$450.00
16R38 ★	$470.00
20 8R34 ★	$700.00
20 8R38 ★	$710.00
20.8R38 ★★	$810.00
24.5R32, ★	$880.00
30 5R32, ★	$1020.00
18 4R42, ★★	$530.00
20 8R42, ★★	$735.00

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15.5x38, 6 Ply
$260.00

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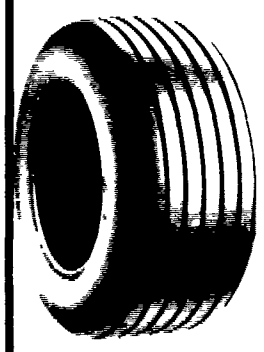
11.2x24, 4 Ply	$132.00
11 2x24, 6 Ply	$154.00
14.9x24, 4 Ply	$196.00
14.9x24, 6 Ply	$216.00
14.9x24, 8 Ply	$248.00
16 9x24, 6 Ply	$251.00
16.9x24, 8 Ply	$273.00
14.9x26, 6 Ply	$222.00
18.4x26, 6 Ply	$312.00
18.4x26, 10 Ply	$380.00
23.1x26, 8 Ply	$525.00
11.2x28, 4 Ply	$154.00
12 4x28, 4 Ply	$180.00
13 6x28, 4 Ply	$192.00
13.6x28, 6 Ply	$204.00
14.9x28, 4 Ply	$200.00
14.9x28, 6 Ply	$222.00
14 9x28, 8 Ply	$256.00
14.9x28, 10 Ply	$335.00
16 9x28, 6 Ply	$273.00
16 9x28, 8 Ply	$301.00
16 9x28, 10 Ply	$352.00
16 9x30, 6 Ply	$296.00
18 4x28, 6 Ply	$363.00
18 4x30, 6 Ply	$330.00
23.1x30, 8 Ply	$705.00
24 5x32, 10 Ply	$900.00
16 9x34, 6 Ply	$323.00
18 4x34, 6 Ply	$370.00
18 4x34, 8 Ply	$400.00
20 8x34, 6 Ply	$563.00
20 8x34, 8 Ply	$590.00
23.1x26, 10 Ply	$705.00
23 1x34, 8 Ply	$771.00
11 2x38, 4 Ply	$185.00
12 4x38, 4 Ply	$210.00
13 6x38, 4 Ply	$222.00
13 6x38, 6 Ply	$246.00
14 9x38, 6 Ply	$268.00
15 5x38, 8 Ply	$318.00
16.9x38, 6 Ply	$357.00
16 9x38, 8 Ply	$392.00
18 4x38, 6 Ply	$416.00
18 4x38, 8 Ply	$446.00
20 8x38, 8 Ply	$596.00
20 8x38, 10 Ply	$704.00

Small Rear Farm Tires

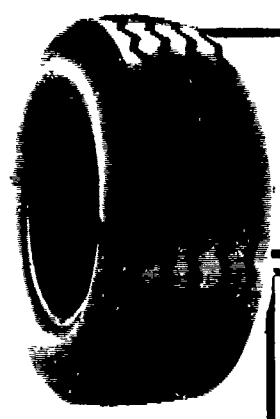
750x20, 4 Ply	$79.00
750x24, 4 Ply	$87.00
8 3x24, 4 Ply	$101.00
9 5x24, 4 Ply	$113.00
11 2x34, 4 Ply	$167.00
11 2x36, 4 Ply	$169.00
12 4x24, 4 Ply	$144.00
12 4x36, 4 Ply	$227.00
13 9x36, 6 Ply	$235.00

WAGON TIRES



26 1200x12, 4 Ply	$53.00
8 51x14, 6 Ply.	$51.00
9 5Lx14, 6 Ply..	$52.00
9 5Lx14, 8 Ply	$53.00
9 5Lx15, 6 Ply	$48.00
9 5Lx15, 8 Ply	$48.00
11Lx14, 6 Ply	$52.50
11Lx15, 6 Ply	$46.00
11Lx15, 8 Ply	$50.00
11Lx15, 10 Ply	$74.00
1000x15, 8 Ply.	$63.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless..	$88.00
12 5Lx15, 10 Ply	$78.00
12 5Lx16, 14 Ply	$98.00
12 5Lx15, 12 Ply	$90.00
14Lx16 1, 12 Ply	$161.00
16 5Lx16 1, 10 Ply Tubeless.	$192.00
25x7 50x15, 4 Ply Tubeless	$48.00
25x7.50x15, 6 Ply Tubeless	$65.00
27x9.50x15, 4 Ply Tubeless.	$58.00
27x9 50x15, 6 Ply Tubeless	$68.00
27x9.50x15, 8 Ply Tubeless	$73.00
31x13.50x15, 6 Ply Tubeless	$102.00
31x13 50x15, 8 Ply Tubeless.	$112.00

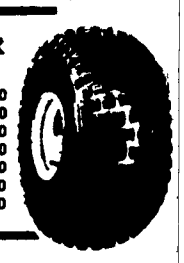
• WAGON TIRES SHIPPED UPS - NO CHARGE! •



CONTRACTOR F-3

11Lx15, 8 Ply	$87.00
11Lx15, 10 Ply	$102.00
11Lx16, 8 Ply	$104.00
750 800x16, 10 Ply	$98.00
11Lx16, 12 Ply	$137.00
145 - 75 - 16 1, 10 Ply	$246.00
11Lx16 10 Ply	CALL FOR SPECIAL

3 WHEELER TIRES



20x7.00-8	$38.00
21x7 00-8	37.00
22x11.00-8	42.00
22x8 00-10	45.00
22x11 00-10	50.00
25x12-9	60.00
18x950-8	41.00

ARMSTRONG TURF

8.3x24	$118.00
9 5x24	$131.00
14 9x24, 6 Ply	$231.00
16 9x24, 6 Ply	$242.00
18 4x16 1, 6 Ply	$274.00
13 5x16 1, 8 Ply	$275.00
18 4x26, 6 Ply	$415.00
13 6x28, 6 Ply	$268.00
13 6x28, 4 Ply	$246.00
16 5Lx16.1, 6 Ply	$309.00

SKID LOADER TIRES

570x12, 4 Ply	$42.00
23 850x12, 4 Ply	$49.00
27.850x15, 4 Ply	$53.00
27.850x15, 6 Ply	$73.00
27 1050x15, 6 Ply	$81.00
700x15, 6 Ply	$68.00
750x15, 6 Ply	$71.00
10-16 5, 6 Ply	$82.00
12-16.5, 8 Ply	$125.00
Steel Shield	
10-16 5, 6 Ply	$110.00
12-16.5, 8 Ply	$165.00

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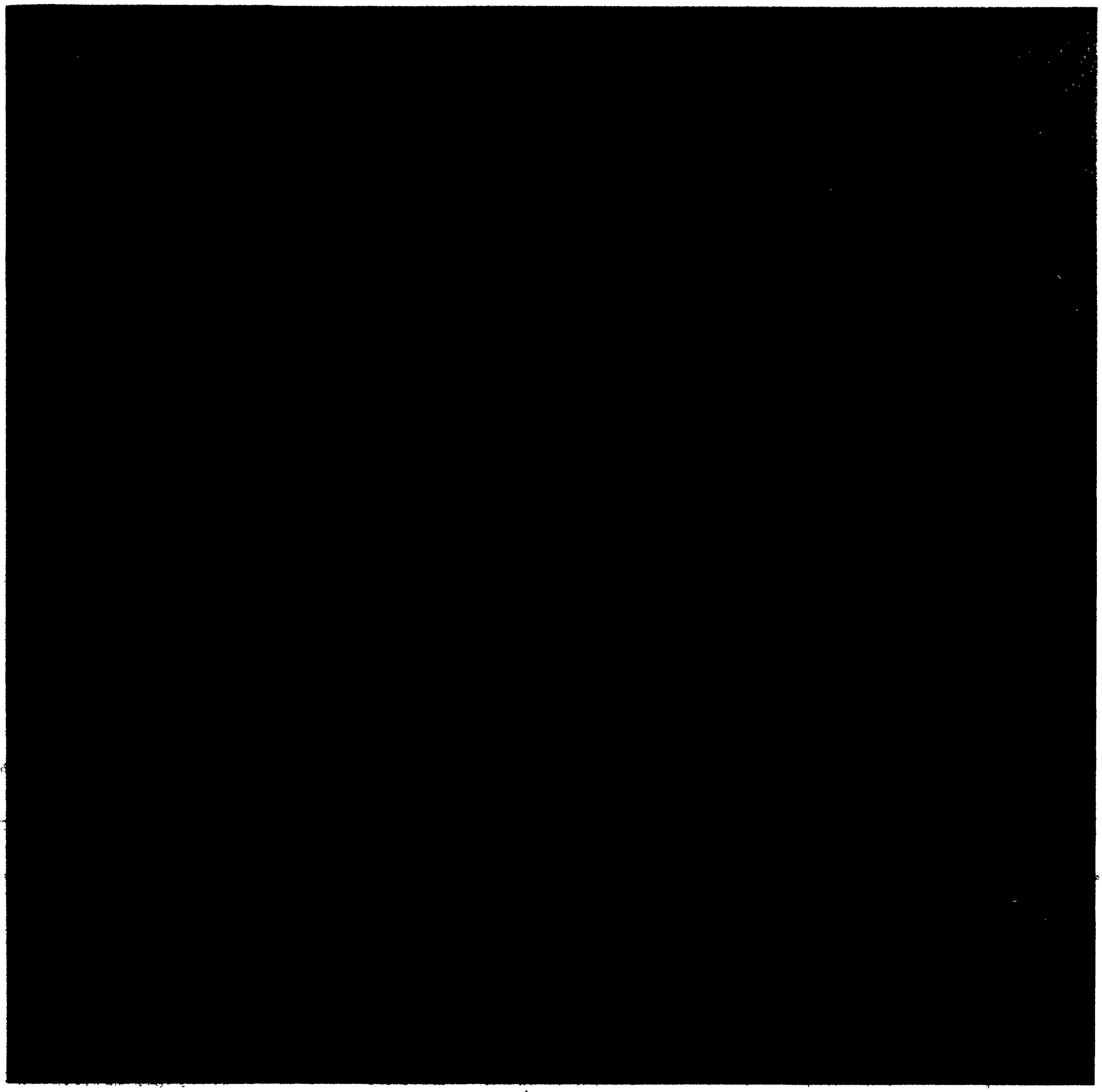
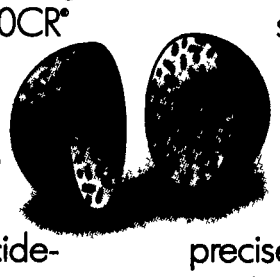


Now, the best protection you can get for your corn crop leaves all other insecticides in the dust. Introducing new NO-dust COUNTER® 20CR® systemic insecticide-nematicide. The revolutionary new COUNTER 20CR blends the proven active ingredient of COUNTER® systemic insecticide-nematicide throughout a unique new controlled-release pellet formulated with soybean oil.



Unlike Lorsban[1], Dyfonate[2] and Force[3], these new pellets won't crumble during shipping and handling. So there's NO dust accumulation.

Each pellet is uniform in size and shape for consistent flowability. So application is more accurate. And the new pellets are heavier and more dense than clay granules for more precise, even distribution. For banded applications, COUNTER 20CR is the best choice for your corn crop.

Since the active ingredient is blended throughout the granule, protection is released smoothly and uniformly for consistent, long-lasting control, regardless of the weather, either banded or in-furrow. So, forget about rootworms. Forget about dust. Get NO-dust COUNTER 20CR.

For more information, see your local *Cyanamid AgriCenter™ dealer,* or call 1-800-942-0500 today.

IN A CLASS BY ITSELF

COUNTER® 20CR®

Restricted Use Pesticide Always read and follow label directions ®/™ Trademarks, American Cyanamid Company © 1990 [1]Trademark, DowElanco [2]Trademark, ICI [3]Trademark, Du Pont Company

Regional Conference On Sustainable Ag Set

COLLEGE PARK, Md. — One of the newer concepts on the U.S. farm scene is sustainable agriculture, a practice that seeks to manage fertilizer and pesticide applications in a way that permits farmers to earn a decent living while keeping the environment healthy for future generations.

To help explore this concept, the Maryland Cooperative Extension Service and Department of Agricultural and Resource Economics at the University of Maryland College Park have joined forces with a trio of environmental organizations to sponsor an all-day meeting next month on sustainable agriculture in the Chesapeake Bay region.

Billed as the first-ever Mid-Atlantic area conference of its kind, the event is scheduled Feb. 28 in the Holiday Inn at Timonium, north of Baltimore off Interstate Highway 83.

Morning speakers will include Dick and Sharon Thompson of Boone, Iowa, widely publicized sustainable agriculture farmers, and William Liebhardt of Davis, Calif., a nationally recognized University of California researcher in the field of sustainable agriculture.

A mid-morning panel will explore possibilities for research and extension programs on sustainable agriculture in the Mid-Atlantic region. Panel participants will include representatives of Penn State and the University of Maryland College Park, Maryland Cooperative Extension Service, Rodale Institute, Chesapeake Bay Foundation, and the U.S. Department of Agriculture's Agricultural Research Service at Beltsville.

Most of the afternoon program will be devoted to breakout sessions on applying sustainable agriculture to various aspects of farming, such as fruits and vegetables, livestock, cover crops and pest control.

The day's program will conclude with a town hall meeting on the topic, "Where Are We Going From Here?" Moderator will be I. Garth Youngberg, executive director of the Institute for Alternative Agriculture, based in Greenbelt.

Program sessions will run from 9 a.m. to 5 p.m. Advance registration should be made by Feb. 22. A $20 registration fee includes printed materials, coffee breaks and lunch. Registration blanks and program brochures are available from offices of the cooperative extension service throughout Maryland and the Mid-Atlantic area.

Holstein Association Memberships Are Good Buy

STATE COLLEGE (Centre Co.) — Despite economic trouble, a $25 membership in the Pennsylvania Holstein Association (PHA) is a step toward a financially secure operation for almost every dairyman.

According to PHA officials, there are a number of reasons to join.

- As a member, you are a part of one of the largest and most active state breed organizations in the country.
- A full-time, three-person staff is available to help you with all aspects of Hosltein dairying. Staff attend numerous meetings annually to assist you. These include county meetings, workshops, and industry meetings. Annually, hundreds of members are visited by association staff members. These visits include assistance in problem solving on registration, questions, herd evaluation, merchandising assistance, and advertising help.
- As a member, you annualy receive five issues of the "Pennsylvania Holstein Profiles," and the weekly "Farmshine" newspaper.
- You can receive help in locating cattle to buy or get help in selling some of your animals. This can be accomplished through private-treaty sales or consignment sales sponsored by the state or county clubs.
- As a member, you can participate in state sponsored shows. These include five regional shows, the state Spring Show, and the Fall Championship Show. Staff members also assist with the Eastern National Holstein Show.
- The top Holstein youth program is found in Pennsylvania. The activities and programs are designed to offer juniors increased opportunities for personal success. A diverse program that includes: judging schools, trips contests, awards and recognition, amd much more is available to junior Holstein breeders.
- As a member, you have the opportunity to serve on various state committees. Included are Sales, Show, Membership Activities, Program Development and Evaluation, Milk Promotion, Youth, Publication, Resolutions, and Finance committees.
- The state executive committee, board of directors and staff represent the membership at a number of related industry activities. You are represented at the national level by two directors and 31 elected delegates. There are at least 11 other committees and boards that have PHA representation throughout the state.

PHA officials said that all of this and more is offered for a base fee of $25. In addition to the $25 membership fee, applicants must submit 65 cents per registered animal owned that ever calved.

However, because members automatically save $6 on each registration, officials point out that state association memberships don't cost money, they actually make money: If you have three calves to register this year, you can save enough money by being a state and national member to pay your base fee of $25.

In addition, there is an optional $14 subscription to "Holstein World."

Possibly the most important membership benefit of all is the fact you can share your thoughts and concerns with other Hosltein dairymen. You don't have to have a barn full of registered cows to take part and enjoy the fellowship that comes with being a member of the Pennsylvania Holstein Association.

For more information, contact the Pennsylvania Holstein Association, 839 Benner Pike, State College, Pa., 16801, or call (814) 234-0364.

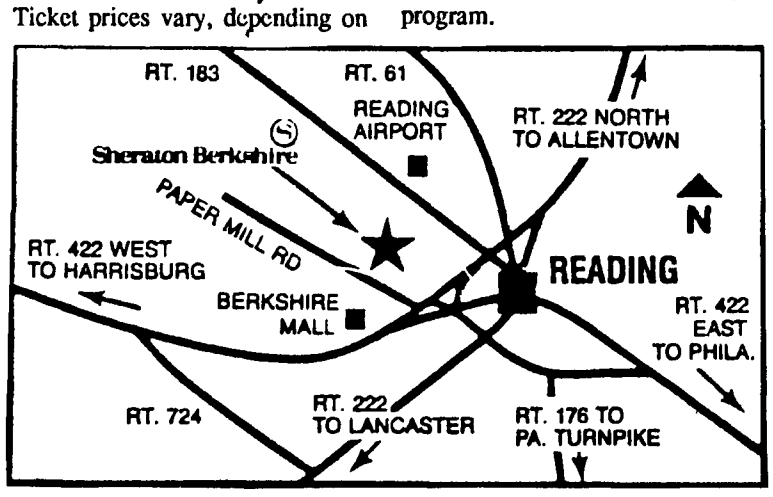
Holstein Convention Speaker Says Use Caution, Pay Cash

STATE COLLEGE (Centre Co.) — The 1991 Pennsylvania Holstein Association convention at the Sheraton-Berkshire Hotel in Reading has a full agenda with entertainers, an art contest, tours, and several speakers, in addition to awards presentations and an annual business meeting.

The three-day event is to run from Thursday, Feb. 21 through Saturday, Feb. 23. Deadline for tickets is Feb. 6. Room reservations must be made by Jan. 31. Ticket prices vary, depending on the number of events to which attendance is desired. At most, a full complimenternent of tickets for events possible costs $60.50 (See ticket form in this issue).

The Sheraton-Berkshire has 180 rooms with large meeting rooms, two restaurants and an indoor swimming pool. It is located just west of Reading on the Rt. 422 bypass at the Paper Mill Road Exit.

All Holstein enthusiasts are invited to this convention program.



Map To Sheraton-Berkshire

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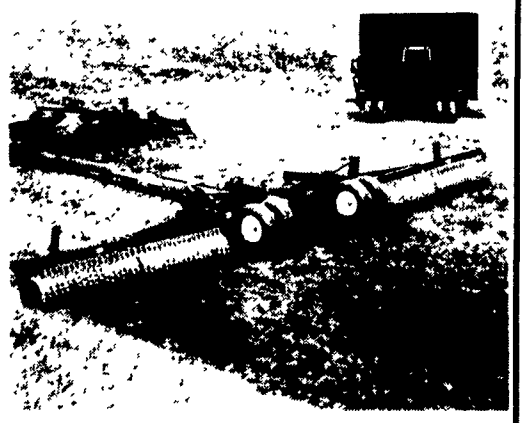
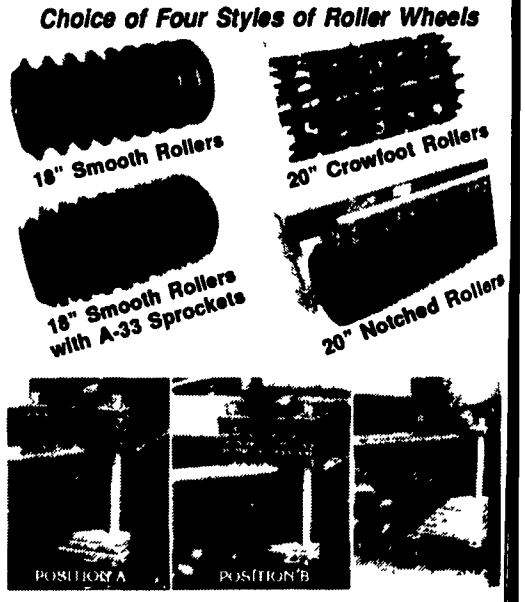
Brillion

MEETS THE CHALLENGE

NEW X-FOLD PULVERIZERS



Choice of Four Styles of Roller Wheels



The pulverizer has been a basic tool for nearly 100 years and Brillion has been building them since 1895. Look at these features:

- **Automatic Transport Lock**
- **Telescoping Drawbar**
- **Hitch Adjustment**
- **Cost Efficient-Energy Savings**
- **Floating Wings**
- **Narrow Transport Width**

Another outstanding feature of BRILLION's X-Fold Pulverizers is the Hitch Adjustment. The pulverizer drawbar can pivot vertically in field position. Three thicknesses of shims are provided on the braces on each side of the drawbar (⅛", ¼" & ½"). These shims are used to limit soil pushing in front of the rollers.

For More Information Contact Your Brillion Dealer

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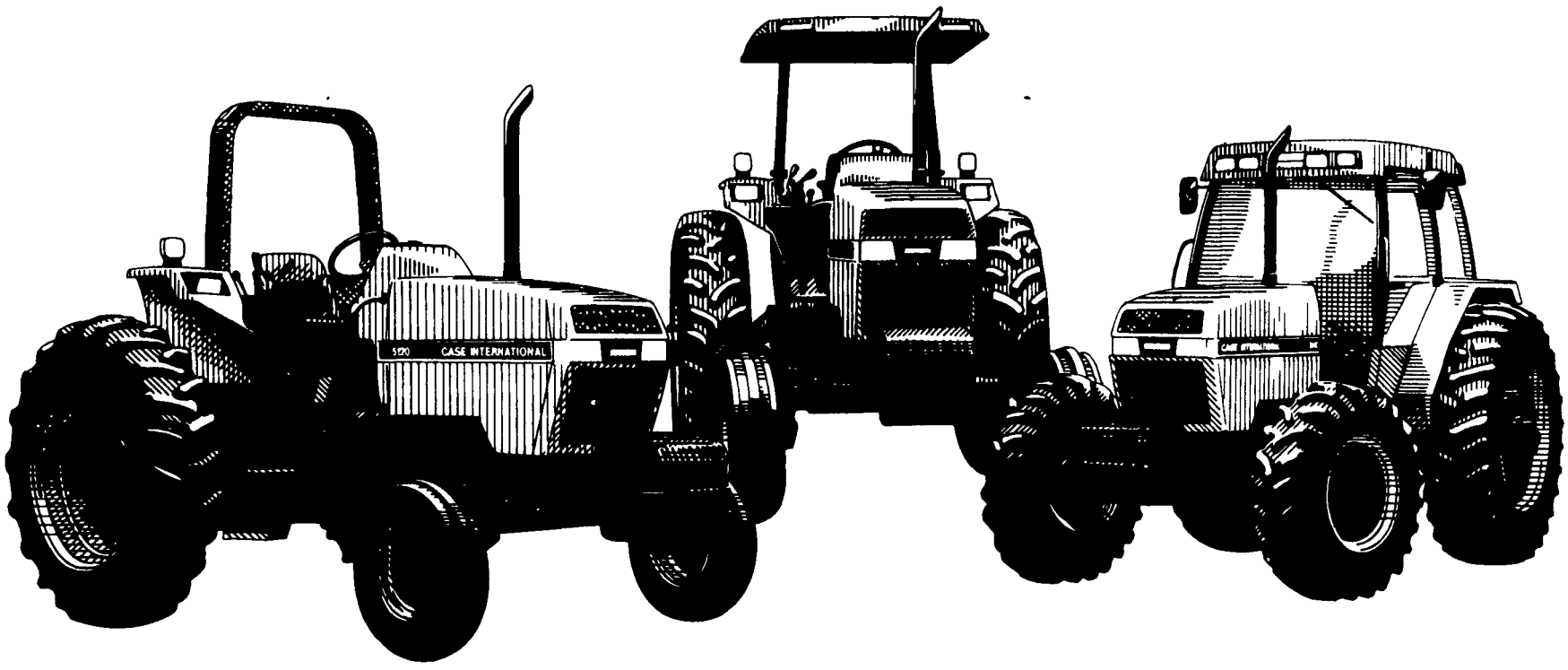
MAXXUM™

See the line of MAXXUM tractors.



Two years ago, Case International MAGNUM tractors set new standards for big tractors. Now new MAXXUM tractors do it again in mid-range utility and field tractors.

Take a look at all a MAXXUM tractor offers:

- *Power* from a durable, fuel-efficient Case International diesel engine—77 PTO hp (57 kW), 86 PTO hp (64 kW) or 94 PTO hp (70 kW).
- *Performance* from fully synchronized or powershift transmissions with 16 forward and 12 reverse speeds, a standard forward/reverse shuttle shift and an eight-speed creeper option.
- *Comfort* and convenience in a deluxe cab, custom canopy or foldable roll bar.
- *Protection* with the industry's best warranty* —five years or 5,000 hours on the entire tractor, whichever occurs first.

Stop in to see the line of Case International MAXXUM tractors today.

*Excluding tires, which are covered by their own manufacturers' warranties. A $200 deductible applies to each repair after the first year.

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caseih

Relief For Expired Certificate Holders

DAUPHIN (Dauphin Co.) — The 1990 Farm Bill has authorized the granting of partial relief for subsequent holders of certain commodity certificates (CCC-6s) that have expired and previously had no value.

The total amount of relief will be limited to $1,000 and only applies to certificates that were purchased before January 1, 1990.

CCC-6s that have been expired longer than 18 months are still ineligible for cash exchange.

Holders of expired certificates should contact any ASCS county office by January 31, 1991 for more information regarding a cash exchange. Additional information will be given at that time regarding steps to be taken to redeem these certificates.

Deep Placement Coulter Reduces Fertilizer Rates

COLCHESTER, Ill. — Yetter Mfg. Co.'s new 2976 Series deep placement fertilizer coulter is designed to handle liquid, dry, and suspension fertilizers.

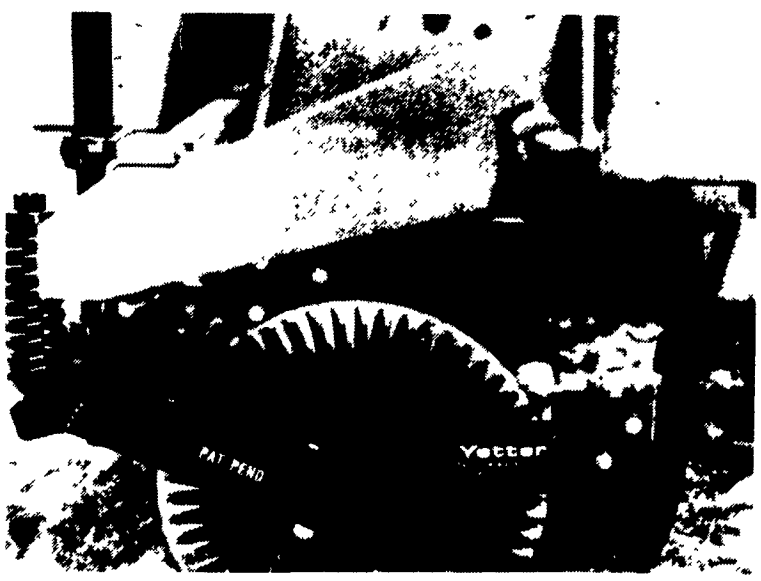
The unit's 20-inch ripple coulter blade cuts a deep slot for the knife to penetrate deep to place fertilizer accurately for better, more uniform uptake by the growing crop.

The benefit of deep placement also lies in its ability to deposit the fertilizer in a protected environment so it will not readily dissipate.

The right-handed parallel linkage lets the coulter ride up and down on uneven ground while holding the knife at the proper attitude and depth for placing fertilizer below the root zone with minimum soil disturbance.

The Yetter 2976 Series is designed for use with toolbar applicators and is not recommended for mounting on most planters.

For information, contact Yetter Mfg. Co., Colchester, IL 62326-0358, or (800) 447-5777 or (309) 776-4111.



Yetter Mfg. Co.'s new 2976 Series deep placement fertilizer coulter is designed to handle liquid, dry, and suspension fertilizers.

Soviet Feed Purchases Will Fall Short Of U.S. Expectations

WASHINGTON, D.C.— The recent announcement from USDA's general sales manager of $530 million in GSM-102 allocations for Soviet purchases of U.S. feed grains enables the Soviets to purchase four to five million metric tons of U.S. feed grains.

"We are pleased the administration recognized the importance of feed grains sales to the Soviet Union and chose to allocate a majority portion of the GSM pie to feed grains," said U.S. Feed Grains Council President Kenneth Hobbie. "However, this will enable the Soviets to purchase only about one-third of their purchases last year which totaled over 16 million metric tons."

Following the recent allocation, the Soviets apparently purchased four to five million metric tons of feed grains, effectively utilizing the entire amount, according to Tom Sleight, council director of international operations/USSR, Eastern Europe.

The speed with which the Soviets purchased feed grains following the announcement indicates the importance of the GSM program to Soviet trade.

Pa. Junior Holstein Association Calf Raffle Offers Very Good

STATE COLLEGE (Centre Co.) — The Pennsylvania Junior Holstein Association's 11th Annual Calf Raffle is in high gear.

Juniors are out selling tickets, but if you haven't been in direct contact, you can still participate.

The Junior Holstein Association holds the raffle in order to help fund the many programs and activities sponsored it sponsors.

The year's raffle calf is Berkline Promise Deb, a July 5, 1990 Huberview Bell Promise from a Very Good 86 Rockalli Son of Bova, with records to 24,790 pounds of milk. The granddam is an Excellent 92-2E S-W-D Valiant with records to 30,830 pounds milk, with a 3.4 percent production of fat at 1,040 pounds and 3.4 percent protein production at 1,035 pounds. The third dam is Very Good and Gold Medal with a production record of 30,092 pounds of milk, at 4.3 percent fat production at 1,304 pounds.

The winning tickets are to be drawn at the Spring Sale on April 6, at the Penn State Ag Arena. The first prize winner has the option of taking the calf or cash prize of $1,000. Second prize is $250, and third prize is $100. Winners need not be present.

Pennsylvania Juniors benefit greatly from the raffle. Trips, judging schools, production contests, DJMs and many other contests and programs are funded from the raffle sales.

To enter the raffle, fill out the accompanying ticket order and return it with $5 to: Pennsylvania Holstein Association, 839 Benner Pike, State College, PA., 16801.

PJHA Raffle Ticket Order Form

NAME: _____

ADDRESS: _____

_____

PHONE: _____

I would like _____ tickets at six (6) for $5.

Please make checks payable and send to:

Pennsylvania Holstein Association
839 Benner Pike
State College, PA 16801

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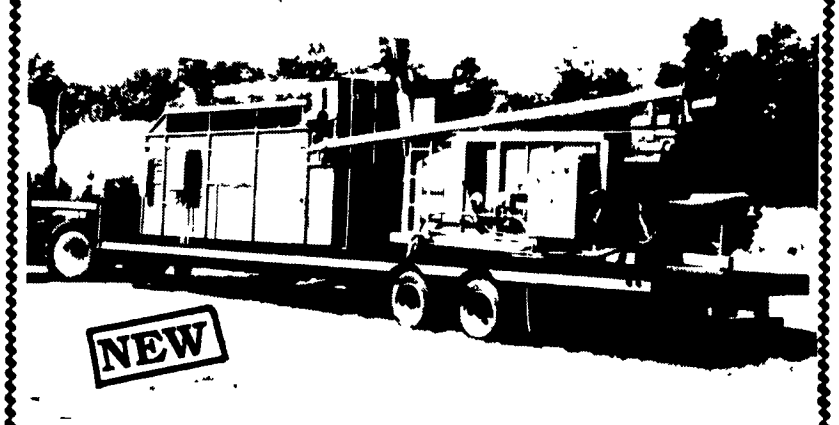

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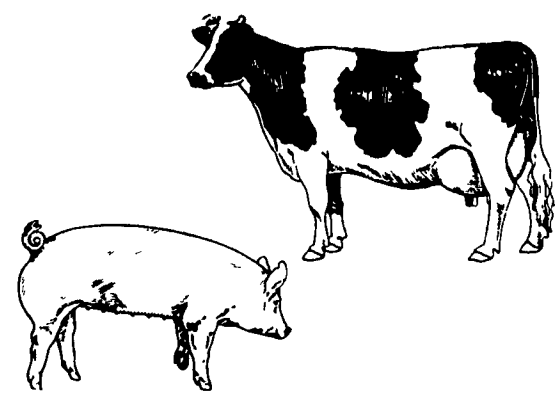

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RESPIRATORY DISEASES

David C. Kradel, DVM
Department of
Veterinary Science

Winter weather may bring an increase in respiratory problems.

In smaller flocks, one reason for this is that housing may be kept tightly closed to keep birds warm, which results in underventilation and buildup of moisture, ammonia, and other undesirable gases. Also, viruses or bacteria become more concentrated because less air is being moved. These environmental factors predispose birds to respiratory disease. Good ventilation should be maintained.

Symptoms of respiratory diseases vary depending on the cause and severity. Discharge from the nose or eyes, swollen sinuses, shaking of the head or stretching of the neck, snicking, coughing, rough feathers, stunting of growth, and death may occur.

Many infectious organisms — singly or in combination with other organisms and stresses such as poor ventilation, dampness, or rapidly changing weather — can cause respiratory problems. Bacteria-induced diseases may include *mycoplasma gallisepticum* (MG), infectious coryza, turkey coryza (*bordetella avium*) and fowl cholera (*pasteurella multocida*). Viruses cause laryngotracheitis (LT), bronchitis, and Newcastle Disease. A fungus (*aspergillus*) may also result in respiratory disease.

Laryngotracheitis

Laryngotracheitis (LT) may cause severe respiratory disease. Outbreaks can be encountered in both smaller and larger commercial flocks.

The virus is highly contagious and can be spread rapidly by direct bird contact, equipment, and visitors.

Symptoms include coughing, sneezing, and difficult breathing. Bloody mucus may be expelled in the act of coughing. At autopsy, bloody mucus may be found in the trachea.

Prevention of LT depends on preventing exposure through good biosecurity and/or vaccination. Most layer flocks are vaccinated as pullets. Broilers are vaccinated only to prevent spread during epidemics of LT.

Mycoplasma gallisepticum

Mycoplasma gallisepticum (MG) infection is most common in small backyard flocks and layer complexes.

In layers, MG may result in failure to reach peak production and in reduced egg production without significant mortality. In broiler chicks, it may cause air sac infection with high mortality, stunted growth, and reduced feed utilization. Turkeys develop swollen sinuses (sinusitis) and air sac infection.

MG can be spread via infected hatching eggs, bird-to-bird contact, and MG-contaminated equipment and people.

The best preventative measure is eradication of the disease from the premises and use of replacement chicks from MG-free breeding stock.

Today, most commercial breeding flocks of chickens and turkeys are MG-free. Several types of MG vaccines are also available and are used primarily to vaccinate pullets that will be placed in MG-contained multiple house complexes.

Prevention or proper treatment depends on knowing what specific respiratory disease is present. If a respiratory disease of uncertain cause is encountered, sick and/or dead birds should be submitted to a poultry diagnostic laboratory.

In Pennsylvania, the laboratories are located at Summerdale, (717) 787-8808; University of Pennsylvania, (215) 444-4282; and Penn State, (814) 863-0837.

Work Continues On Swatara Creek Project

SCHUYLKILL HAVEN (Schuylkill Co.) — More than 20 years ago a state park supporting a 775-acre recreational lake was proposed for Schuylkill and Lebanon counties. Swatara State Park would support 6,000 visitors a day, coming to relax and enjoy the seven miles of scenic lake.

Numberous studies performed within the watershed of the proposed impoundment revealed that this park could remain a proposal forever. Agricultural nutrients, sewage, and mine drainage all contributed to reduce the water quality to a level that could not support a productive lake.

In 1987, the Schuylkill County Conservation District entered an agreement with DER to reduce the load of agricultural pollution in the Swatara Watershed. Since the induction of the program, more than $200,000 in project work has been completed within the watershed. Of this total, $66,000 was contributed by the farm community toward the installation of nutrient conserving practices. Projects completed include agricultural waste storage facilities, erosion control practices, and streambank stabilization structures.

Agricultural waste storage structures are designed to store six months of manure and other farm wastes to eliminate the spreading of it on frozen ground, where it is prone to surface runoff into streams. The manure and its associated nutrients can then be incorporated in the soil at times when it can be utilized by growing crops. All farms receiving funding for such a system are also required to install all necessary conservation practices needed to control erosion, and facilitate the spreading of manure. Contracted farms must also follow a nutrient management program designed by the district to maximize the nutrient value of the manure in an environmentally sound manner.

The district currently has 1,200 acres of farmland within the watershed under nutrient management contracts. The original farm enrolled in the program has shown a 2,070-pound reduction in the application of commercial nitrogen per year since the induction of their nutrient planning.

This reduction of nitrogen was achieved through the proper utilization of manure, and did not result in a net loss of nutrients available to their crops. The reduction of nitrogen being introduced into the environment would also have to include the amount of manure that was being lost from frozen ground before the storage system was built. Of 22 farms in the watershed with substaintial animal numbers, 16 are utilizing manure storage systems.

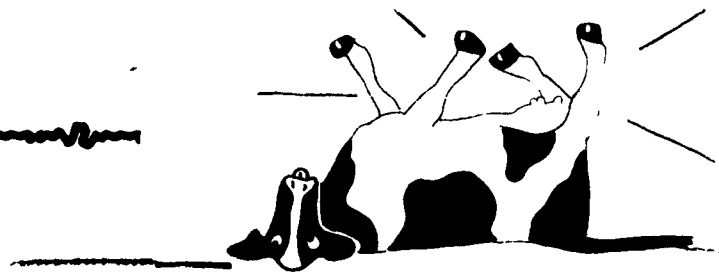
Another project completed within the watershed consisted of the stabilization of approximately one mile of streambanks with cooperation of the Adopt-A-Streem Program. The project consisted of the installation of 25 structures designed to stabilize the streambank and enhance fish habitat. The stream was also fenced to exclude animal damage from the adjacent dairy. Basket Willows were planted along its entire length to establish additional wildlife habitat.

Educational programs have also played a roll in the development of the cleanup. Nutrient management workshops, displays, and presentations were conducted to promote the program and initiate public involvement.

The latest studies performed on the feasibility of the lake indicate a water quality index that can support a thriving warm water fishery. Conservation practices, reductions in mining, and improved sewage treatment within the watershed have all contributed to the improved conditions.

Although it has improved, the water quality is a long way from ideal. Acid mine drainage continues to be a problem in the headwaters of the watershed. Its load of heavy metals and low pH present problems. Perhaps current technology such as wetland creation can help with this problem in the future.

The lake in Swatara State Park is slated for construction in fall of 1991. It is hoped that the effort put forth by the Schuylkill Conservation District and the farming community of the watershed will help insure the future enjoyment of this resource.



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Business News

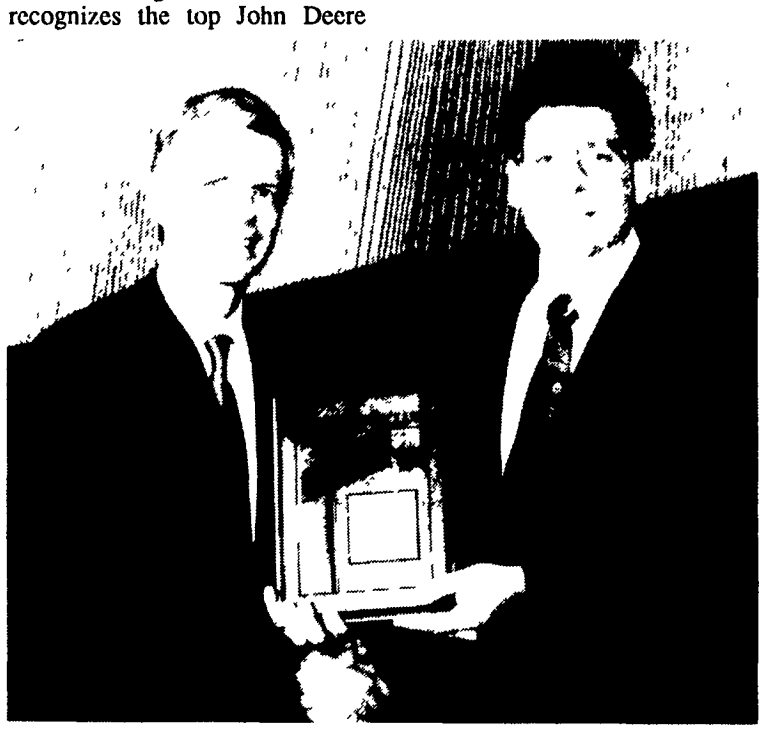
Deere Honors Noll, Landis Bros.

LANCASTER (Lancaster Co.)— Herb Noll of Landis Bros., Inc. has won the prestigious Manager's Club Award for their 1990 sales and management efforts.

Wayne L. Chesney, vice president and general manager of John Deere Company, presented Herb Noll his award during a ceremony at Deere & Co. corporate headquarters in Moline, IL.

The Manager's Club Award recognizes the top John Deere Agricultural dealers in the country. This award places Herb Noll in an exclusive group that only 20 John Deere dealers from 16 states in the northeast quadrant of the United States.

"We are proud of the hard work and commitment of our entire dealership staff in achieving this recognition," said Herb Noll. "We also share this award with all of our customers."



Herb Noll of Landis Bros., Inc. in Lancaster, right, receives the Manager's Club Award from Wayne L. Chesney, vice president and general manager of John Deere Company, Columbus, OH.

Supaflu Lines, Relines Masonry Chimneys

FAWN GROVE (York Co.)— Supaflu is a unique system for lining and relining masonry chimneys. The system is based on a concept which originated years ago in Europe.

The lining is cast in place within the existing chimney. There is no need to tear down the chimney. The method presently used is more effective and practical with the use of modern technical equipment and materials.

According to Bill Dunivant, Border Construction, Fawn Grove, the Supaflu installation procedure is as follows:

- The chimney is inspected, prepared and cleaned using recognized chimney sweep procedures and equipment.
- All openings in the chimney such as clean-outs, thimbles, and fireplace openings are closed off and weak areas in the chimney are braced.
- An inflatable rubber former, called *Supaformer*, is lowered into the cleaned chimney flue. It is sized to the heating appliance(s) to be vented into the flue and to the available flue cavity. If the flue is tile lined, the tiles may have to be removed to maintain a proper size flue.
- The *Supaformer* is inflated to the proper flue size and centered within the flue cavity by using spacers. Centering is accomplished at offsets and bends, also.
- The special *Supaflu* formula (just add water on site) is then pumped into the chimney (from the top) between the outside of the *Supaformer* and the inside of the chimney.
- When the *Supaflu* is set, usually the next day, the former is deflated and withdrawn. The clean-outs and thimbles are reopened and braces removed. The heating appliance(s) are now ready to be reconnected.

The newly installed Supaflu liner extends from the base of the chimney flue to approximately three inches above the chimney cap. The whole liner is constructed from material suitable for high service temperatures. The liner is capable of resisting corrosion, softening, or cracking from the hot flue gases.

Supaflu was introduced to North America in 1980. Supaflu is in compliance with major building codes currently in effect in the U.S. and Canada for lining chimneys servicing heating appliances.

Soybean Farmers Pleased With Purchases

ST. LOUIS, Mo. — The American Soybean Association says it is pleased with the Soviet Union's purchase of 550,000 tonnes of U.S. soybean meal based on U.S. Department of Agriculture's allocation of $130 million in GSM-102 short-term export credits for protein meal to the Soviet Union.

While the allocation was slightly lower than the trade expected, ASA President Buck McCann said getting the Soviets to use soybeans is a major step toward increasing soybean exports in the future.

"We're delighted to see soybean meal included in the loan allocations," said McCann. "The Soviets desperately need protein-rich soybean meal to increase the efficiency of their livestock production operations. We have the ability to supply the protein they need. Export credits is all that was needed to make the transaction work."

McCann said ASA has been working with Soviet political leaders and livestock producers for the past four years to provide the advantages of soybean meal.

"We've made a lot of progress in our marketing efforts," said McCann. "We showed them how they could take six months off the time it takes to produce a market weight hog. They are sold on soybean meal, but we've got to have financing programs like this to get the product in their hands."

McCann said ASA would continue to push U.S. government officials for additional funding for protein meal. He noted that President Bush had approved a total of $1 billion in credits.

McCann added that another positive note in the agreement was allowance of $25 million for frozen and chilled poultry meat, which translates to additional tonnage of U.S. soybean meal used on poultry farms in the United States.

USDA Lifts Restrictions On Mt. Joy Egg Farm

LITITZ (Lancaster Co.) — The U.S. Department of Agriculture has given a clean bill of health to the 320,000 chickens producing eggs on a Mount Joy farm formerly known as the Egg Basket.

Sales from the farm had been restricted since May, when it was discovered that eggs from the farm had been involved in an outbreak of salmonellosis in Tarrytown, New York.

Salmonellosis is a food-borne illness which causes flu-like symptoms. That Tarrytown outbreak involved catering trucks that served egg sandwiches that had been undercooked, then held for long periods of time at a temperature which allowed the rapid growth of Salmonella enteriditis (SE), the bacterial strain that caused the illness.

After the outbreak, USDA officials traced the eggs back to the Egg Basket farm. They tested the environment and found it positive for SE. They also tested the organs of 1,400 chickens in the laying flock there and found one positive SE test.'

Stringent USDA regulations place restrictions on any flock where there is any indication at all of SE. Since those restrictions were placed on the Mount Joy flock, all the eggs have been sold to a breaker, a company that breaks the eggs, then pasteurizes them before they are sold for use in cake mixes and other products.

In November the Egg Basket was purchased by Sauder's Eggs and renamed Penn Dutch Farms. After the purchase, the four laying houses on the farm were completely washed and disinfected, said Sauder's Eggs president Paul Sauder.

"USDA lifted the restrictions because their tests showed there were no Salmonella enteriditis organisms either in the birds or in their environment," Sauder said.

"This cleanup was an important step for us and for the egg industry as a whole. I am still convinced, however, that improper food handling and preparation is the factor behind virtually every case of food-borne illness," he said.

"We've solved the Salmonella problem in the laying houses that we own or that are owned by our independent producers. The eggs are wholesome when they leave our processing plant. We can't control them after that point, but we have started an ambitious Salmonella education effort to support our food handlers."

Sauder's Eggs processes and markets eggs from a total of 50 farms in Lancaster and Dauphin counties. Although Sauder's owns the Penn Dutch Farm facility, most of the others are owned by independent farmers. On all the farms, Sauder said, rigid sanitation procedures have been instituted to keep the Salmonella enteriditis organism out.

These measures include regular tests of the laying house environments and a monitoring program for the eggs as they come out of the houses. Also, the laying houses themselves are completely washed and disinfected when an old flock is removed and a new one installed, about once a year.

"Salmonella enteriditis has been around for a long time," said Sauder, "but it's only become a serious problem for the egg industry in the past two or three years. In our company, and elsewhere in the egg industry, we have responded to the SE threat with lower refrigerator temperatures and tighter on-farm sanitation procedures.

"We are also doing everything we can to encourage better food handling practices through the wholesale and retail food distribution chain."

Sauder said his company has started an Approved Egg Handler program and seminars to help educate restaurant and institutional kitchen employees on the proper handling, storage, and preparation of eggs and egg dishes.

To earn an Approved Egg Handler Certificate, an organization must agree to refrigerate eggs until they are used, and to rotate stocks to insure freshness. Sauder's food service drivers assist with the egg handling program.

As part of the program, special food safety seminars will be held at the Sauder's processing plant in Lititz for kitchen staffs that use Sauder's Eggs.

A food safety video and other trianing materials from the American Egg Board will be used in the seminars. Dr. John Schwartz, a poultry agent with the Lancaster County extension staff, will also participate in the training.

Sauder's Eggs President Paul Sauder, left, and Vice President Glenn Sauder were recently notified by the U.S. Department of Agriculture that all restrictions had been lifted from eggs produced at Sauder's Penn Dutch Farms facility in Mount Joy, Pa.

Penn State Schedules Engineering Open House

UNIVERSITY PARK (Centre Co.) — The Agricultural and Biological Engineering Department at Penn State University will be participating in the 1991 Engineering Open House on Saturday, February 23, at University Park.

The department will be open from 10 a.m. to 3 p.m. to conduct tours of the various activities in the department and to discuss career opportunities in agricultural engineering.

Exhibits in the agricultural and biological engineering department will include:

- Spray drying of coffee.
- Juice extraction from fruits.
- Computer vision systems for fruits and vegetables.
- Electronics instrumentation for handling perishable produce.
- Wood engineering.
- Ventilation systems for animals and plants.
- Hydroponic lettuce production.
- Plant tissue culture system.
- Rainfall simulation.
- Water quality sampling.
- Physical properties of foods.
- Agricultural machinery systems.
- Model tractor stability demonstrations.

Bus tours to agricultural engineering leave from parking lot Brown A behind the Mechanical Engineering Building at 10, 10:30, 11, and 11:30 a.m. and 1, 1:30 and 2 p.m. All visitors will be treated to free University Creamery ice cream.

Agricultural engineering involves the application of engineering principles to all phases of agricultural production, food processing, and management of our natural resources. Agricultural engineers work in research, development, design, testing, management, sales and education. Areas of emphasis within agricultural engineering include:

- Soil and water management for efficient crop production, waste handling, and environmental quality.
- Food engineering for processing, handling, packaging, and storing food products.
- Structural systems for efficient livestock production, food storage, and plant production.
- Machinery design and systems management for agricultural production, food processing, construction, and forest industries.

For further information, contact Dennis E. Buffington, professor and head, Agricultural and Biological Engineering Department, 250 Agricultural Engineering Building, University Park, PA 16802, (814) 865-7792.

Alpine Plant Foods Congratulates Hitz

ANNVILLE (Lebanon Co.) — Lee Hitz, Annville, right, recently won the Pennsylvania Farm Show 5-Acre Corn Club Award in the 3-plus acre size with a yield of 195.5 bushels per acre. Hitz is a member of Pro Ag Services, along with Alger Farms.

Pro Ag Services grew more than 2,000 acres of soybeans and corn using Alpine Plant Foods 6-24-6 as their source of phosphorus and are pleased with the results of yield and root development plus lower input costs.

Shown here is Hitz, right, with John Risser, Alpine distributor.

Fruit Growers Set Winter Banquet

LANCASTER (Lancaster Co.)— The Lancaster County Fruit Growers Association's winter banquet will be held at the Bird-In-Hand Family Restaurant on Thursday, February 7, 1991, at 6:30 p.m.

Guest speaker, Robert Hodge of Highland Orchards, Chester County, and past president of the State Horticulture Association, will present a slide show from the Soviet Union.

For reservations or information, please call (717) 898-2748 by January 31, 1991.

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Pork Prose

by
Kenneth B. Kephart

Penn State Extension Swine Specialist

GRINDING AND MIXING FEED

Kansas State University does more research than most other institutions combined in the area of feed processing.

The most recent swine research report from Kansas State (B. Goodband, J. Murphy, and J. Harner) provided some valuable information on using portable grinder/mixers. Here is a brief summary of the more important points made in the articles, as well as some additional data from other research trials.

How Good Is Your Grinder/Mixer?

In a swine feed survey conducted a few years ago in Pennsylvania, we found that roughly a third of swine feed samples did not meet NRC recommendations for protein, calcium, or phosphorus.

In the last two years of the program, we also asked whether scales were used in measuring the ingredients. For the producers that had scales, the average error in crude protein was 0.7 percentage units.

For example, if a diet had a calculated protein level of 14 percent, the actual protein level might range from 13.3 percent to 14.7 percent. In contrast, producers without scales mixed feed with an average error in protein content of 1.7 percentage units. Therefore, the same 14 percent calculated protein level could be as low as 12.3 percent or as high as 15.7 percent.

Although most producers use their grinder/mixer effectively, there are a number of factors that can effect the quality of your feed. As our program showed, scales were just one of those factors. Here are some others.

Mixing Efficiency

Bob Goodband at Kansas State University uses a salt analysis to test mixing efficiency. The test involves taking 10 samples from a single batch of feed and analyzing each sample for salt.

If the variation in salt content among the 10 samples exceeds 10 percent, the feed was not mixed properly. What kinds of things affect mixing efficiency?

Horizontal Vs. Vertical Mixers

Nearly all portable grinder/mixers have a single vertical screw auger to mix the ingredients. These vertical mixers normally require 15-20 minutes to adequately mix feed, compared to the 5-10 minutes needed for a horizontal mixer.

This, and the fact that horizontal mixers are generally thought to be superior to vertical mixers, are why most large commercial feed manufacturers use horizontal mixers. But clearly, for on-farm applications, the vertical mixer is accurate enough.

Mixing Time

The appropriate mixing time should be listed in the owner's manual of the grinder/mixer. Since undermixing is much more serious than overmixing, allow for at least the recommended time after the last ingredient is added.

Overfilling

Research at Kansas State University also shows that a three-ton feed batch in a four-ton mixer will be adequately mixed in about eight minutes. When loaded to capacity (four tons), it takes about 20 minutes to properly mix the ingredients. But when you place five tons in a four-ton mixer, even after 20 minutes, there is still over 50 percent variation in nutrient levels in feed samples taken from the mixer.

To avoid this problem, provide at least 8 to 10 inches of clearance between the top of the mixing auger and the top of the mixing chamber.

Worn Mixing Auger

This won't necessarily prevent the feed from mixing properly, but it definitely extends mixing time. Add five minutes mixing time for every ½ inch of wear on the vertical mixing auger.

In addition, using fat or other sticky ingredients will require longer mixing times since these semi-liquid materials often build up on the screw.

Hammer Mills

Hammer mills, of course, process feed grains by grinding — the most popular method used by swine producers. The hammer mill is a fairly simple device, but it can quickly cause problems if not carefully maintained.

Each hammer has a forward edge that serves as a grinding surface. As the hammers wear, they become rounded. All hammers can be turned to utilize a new grinding surface. And most hammers can be flipped 180 degrees to provide two additional cutting edges.

Check the extent of wear periodically and turn the hammers when the rounded portion reaches the middle of the hammer. Also, flip the hammers end for end if their length shortens. ("The National Hog Farmer's Feed Quality Issue," fall 1990, nicely illustrates these concepts on page 9.)

Effect Of Fineness Of Grind On Hog Performance

Degree of Grinding	F/G
Fine	3.28
Medium	3.51
Coarse	3.66
Whole	3.66

(Adapted from Feedstuffs 41:30)

Note that feed efficiency gets decidedly worse as particle size increases from fine to coarse.

Effect Of Fineness Of Grind On Gastric Lesions

Screen Size	Pigs w/ normal stomachs, %	Pigs w/ stomach erosions, %
1/16"	0	25
1/8"	16	16
1/2"	47	8
1"	40	0
Rolled	56	3

(Data averaged from J. Anim. Sci 25:1019 and J. Anim. Sci. 28:837)

Failing to use a sharp cutting edge increases grinding time and horsepower, and also increases the temperature rise of grains as they move through the hammer mill. A 10-15 degree F rise is normal. A temperature rise of more than 15 degrees is an indicator of a worn screen or hammers.

Particle Size

The correct feed particle size for most phases of swine production appears to be about 700 microns (0.7 millimeters). For most hammer mills, a 3/16-inch screen size will provide an average particle size that is close to 700 microns.

Smaller particles will be more easily digested and therefore improve feed efficiency, but they will also increase the risk of stomach ulcers. Particle sizes that are too large decrease feed utilization, which can get expensive.

For a $10 fee, you can have your feed checked for particle size by mailing a three-cup sample to Jim Nelssen, extension swine specialist, 243 Weber Hall, Kansas State University, Manhattan, KS, 66506.

The second table shows the high incidence of stomach erosions (an ulcer or the beginning of one) with very small screen sizes.

Summary

Feed quality is affected by the following:

1. Measurement of ingredients. If at all practical, use scales.
2. Mixing efficiency. Provide for adequate mixing time (15-20 minutes for most grinder/mixers). Don't overfill the mixer. Allow extra mixing time for worn mixing augers or when using semi-liquid ingredients.
3. Particle Size. The size that seems to strike a happy medium between very fine particles that increase the incidence of stomach ulcers and very large particles that impair digestion is about 700 microns. For most hammer mills, this equates to a screen size of 3/16 inch.

Stallion Preview Represents Different Breeds

COCHRANVILLE (Chester Co.) — Thirteen stallions will gather here on Feb. 2, shown in hand and ridden with their owners, at Justaplain Farm during a special Stallion Preview.

According to Jusaplain Farm, the stallions will represent seven different breeds and 12 owners, and will be available for inspection from 10:30 a.m.-4:30 p.m.

Breeds represented at the show include Percheron, Shire, Appaloosa, Thoroughbred, Swedish Warmblood, Arabian, and Welsh Ponies. Hot refreshments will be available.

For more information, contact Helen or Gert Stearns at (215) 869-4039.

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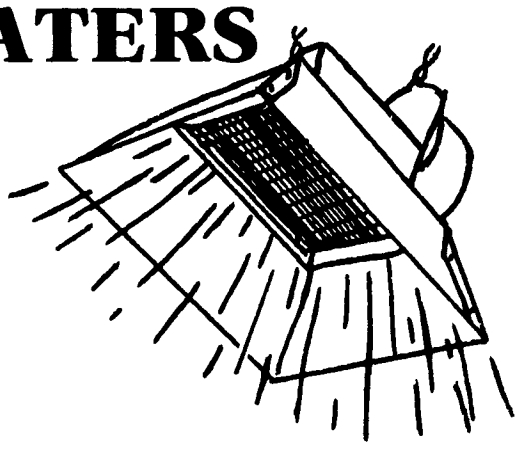

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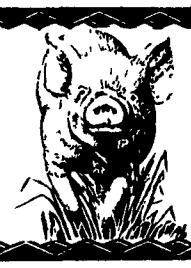
Swine Management News



MAINTENANCE NOW PAYS IN ENERGY SAVINGS LATER

Dr. Richard Barczewski
Extension County Agricutlural Agent
University of Delaware

During the winter months, the hog business is more dependent on energy than some other animal enterprises.

Maintaining higher environmental temperatures in farrowing houses and nurseries means greater financial output. But paying attention to details in your operation to reduce energy use can be money in the bank.

Many farms rely on a heating unit either to space-heat or zone-heat their barns. After purchase, many of these heat units are never looked at again — as long as they are working, that is. Regular maintenance, however, can result in big energy savings.

The Delaware Department of Energy recently sent out a flier describing how routine tune-up procedures can improve the efficiency of home furnaces. With a little effort, 5, 10 or even 15 percent improvement in efficiency rating of a furnace are possible. These tune-up procuedures are as simple as changing a filter or adjusting the thermostat.

On many farms, the over-the-year buildup of dust and dirt can result in inefficiencies as a result of extra weight on the blower and ventilation fans alone. With the recent surge in energy costs, attention to these little details can mean big savings to your operation.

When was the last time you had the heating units in your facility tuned up? Are they firing properly? Are room temperatures set within the desired ranges at pig level? If you are trying to attain an 80 degree Fahrenheit nursery, make sure that the temperature is 80 degrees at pig level. Temperatures need to be measured where they will benefit you the most.

Ventilation is another way you can save energy costs. You know the importance of proper ventilation in a confinement operation. When functioning at the proper level, animal health is optimized because of adequate air changes and moisture removal. Poor ventilation can result in higher-than-desired humidity, stale air buildup, and eventually respiratory problems in the herd.

Winter ventilation problems arise if air is changed too rapidly, because a lot of already heated air is removed, resulting in wasted energy. The key to proper ventilation is to adjust ventilation rates in relation to the size of your buildings and the number of animals housed in the unit.

Just as dust and dirt can build up on heating units and contribute to wasted energy, these same factors can cause fans to operate with less-than-desired efficiency and reduce performance. Since the size of ventilation fans is selected based on the number of animal units in the barn and their air-moving capacity, and since most farms buy the right size for purely economical reasons, any reduction in efficiency will be the result of a fan that does not work properly.

Livestock Notes

Improving Animal Welfare

We have read and heard about stress management in humans. In the future we will undoubtedly read more about reducing stress in animals.

With the animal rights/animal welfare issues confronting us today, the '90s will certainly be a time to reflect on how we cared for animals in the past, how we care for them in the present, and how we'll be caring for them in the future.

Animals are better cared for, are kept in better facilities, are genetically improved, and are receiving more nutritional diets than 20 or 30 years ago, but improvement will continue. Improved management practices in processing baby pigs has reduced stress.

Sows that are first sent to a weaning pen can be less stressed if they are placed in a gestation pen with feeders designed with dividers that allow sows of all sizes an equal chance to eat their fill before they are moved into a pen without special feeders. They tend to re-establish their pecking order in the new pen.

A new development in farrowing building design which minimizes the sows time in crates and reduces sow and pig stress is called the SS system. Pigs leave the nursery at a weight of 78 pounds at nine weeks. The system is a 7x7 pen system with a 5x7 crate. A 2-foot wide creep is to one side with a crate in the middle and a 3x7 pen on the other side. The 3x7 pen becomes a 5x7 pen when the side of the crate is opened up.

The sows are initially brought into the 5x7 pen and are placed in the crate when the water breaks just prior to farrowing. Three days after farrowing, the side is opened, and she has a 5x7 pen in which she remains in the 7x7 pen (including creep) for nine additional days before being moved into the nursery. Two litters are generally combined in the nursery.

In the SS system, sows have less problems with breeding back again, teats being pulled off, being constipated, losing weight with large litters, and almost all udder sections are used because of the extra pigs nursing. The sows tend to eat more feed (about 4 pounds/day), which helps them milk heavier.

The creeps are hovered so the room temperature can be lowered to increase sow appetite and keep pigs in the creep. In cool weather, curtains can be hung around the hover to trap more heat. The flooring material should be metal and not plastic so pigs are attracted to the creep. Almost any creep can be modified to open one side. The crates are run parallel to the alley so the manager can look at the two most important things -- the feed trough and the sow's rear end to check for discharges.

With the animal rights views we have around, this SS system will eliminate many of their concerns. It also appears to perform better than just the crate. The building is about 40% larger because of the 7-foot width versus the 5-foot width. Note: feeders do stick out up 6 inches beyond a crate but "future" crates should keep the feeder inside, since sows are only in there three days.

All-In/All-Out Systems

"Pork '90" magazine has run several articles on all-in/all-out systems. Producers who are implementing this production system point to her health as the main reason behind the change.

Resulting production gains and competitiveness are among other reasons for making the switch.

To justify the investment in making the change, you need to be committed to stay in the business for the long term to be able to afford the new technology.

Advances in flooring, feeding equipment ventilation systems, and building design make it a good time to convert your farrowing house and nursery units.

Remodeling is often more cost-effective than building new if you have the fundamentals in line. Production gains will influence how fast the building pays for itself. If you have a chronic herd health problem or constantly push facilities to their limit, you will see the most gain from all-in/all-out.

Before you make any decision, you need to examine your current records. Check efficiencies and use the records to establish pig flow. A pig flow will tell you what your facilities and your management can handle and what changes you will need to make.

Mycotoxins

A common symptom which causes a producer to suspect mycotoxin contamination is the animals refusal to eat the feed. Diarrhea may also be an associated symptom.

In one case, the sows rejected the feed but the feeder pigs consumed it. The sows consumed the unground, whole kernel. Testing is reasonable in price and producers should send a sample to a laboratory for interpretation and diagnosis. The plant disease clinic, 218 Buckout Lab., Penn State, University Park, PA 16802 and

(Turn to Page D10)

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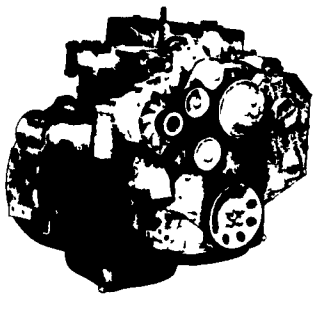

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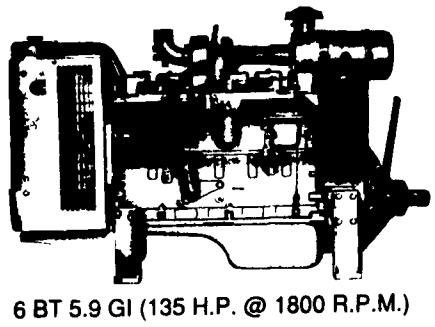

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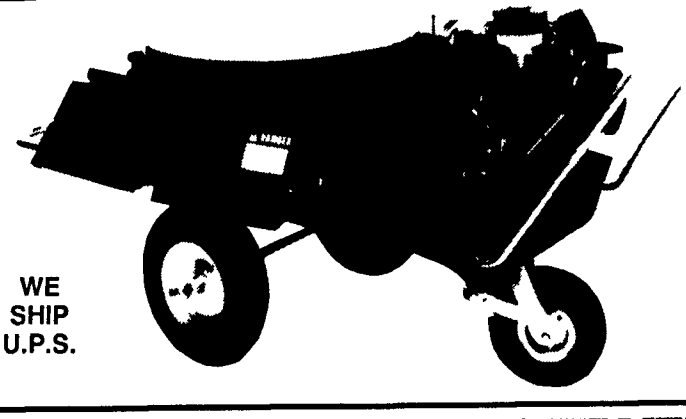

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Bull Testing Program Under Way

STATE COLLEGE (Centre Co.) — The Pennsylvania Department of Agriculture's official bull testing program is well under way.

Fifty-five of the state's most progressive purebred breeders have consigned 73 of their best purebred bulls of various breeds to the testing program at the Meat Animal Evaluation Center.

The roster includes 21 Angus, 22 Simmentals, 21 Polled Herefords, six Charolais, two Chiangus, and one Salers.

Upon completion of the 112-day testing period, the bulls are subjected to evaluation, including a comprehensive breeding soundness exam, measurement of fat thickness and estimated loin eye area, and a health exam which includes blood and T.B. testing, enabling the bulls to be sold anywhere in the country. The bulls must also meet minimum requirements for structural correctness and breed character. Individual feed efficiencies will be calculated for each bull.

After all the indexes are calculated and the evaluations analyzed, the top 75 percent of the bulls are selected to be sold at Pennsylvania's 18th annual Performance Tested Bull Sale scheduled for noon, March 29, 1991, at Penn State's Ag Arena.

The second annual Beef Expo, held in conjunction with the sale, is scheduled March 28-30. The Pennsylvania Charolais, Chianina, Angus, Limousin, Polled Hereford, Salers and the Simmental Associations will all be conducting their respective annual state breed female sales on Saturday, March 30, 1991.

The Expo schedule for Thursday includes an educational program featuring several nationally known speakers. Friday begins with the Pennsylvania Beef Cattle Improvement Association breakfast, continues with the Bull Sale and cattle evaluations and shows, and concludes with the Pennsylvania Cattlemen's Association's annual meeting and banquet in the evening.

Other Expo events include a large trade show with door prizes and activities, animal exhibits featuring superior cows and bulls, and a number of activities for the Junior Pennsylvania Cattlemen's Association, including a junior steer and heifer show.

For more information on the bull sale or the Pennsylvania Beef Expo, or to request a bull sale catalog, please contact Glenn Eberly, director, Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, PA 16803, (814) 238-2527, (814) 865-5857.

Livestock Notes

(Continued from Page D9)

PA-BAI Diagnostic Laboratory, P.O. Box 387 Summerdale, PA 17093.

Test samples for mycotoxin (aflatoxin, Te, Zeralenone, DAS) on feed.

Other symptoms of mycotoxin poisoning include swollen vulvas, prolapsed rectums, reduced performance, and convulsions.

If your gain is contaminated with mycotoxin, it may be in part of the bin rather than the entire bin. Dilute the uncontaminated grain if the original mycotoxins are relatively low. Fines amd foreign material should be discarded. Adding Nova-sil to the feed reduced effects of aflatoxin.

Health Care Practices

A new publication describing basic health care practices is available. The 10-page pamphlet illustrates the best methods for worming and vaccinating sheep and goats.

Sheep and goat producers will find they can worm their animals and give injections with less effort if they know the proper techniques, according to the author, Bill Kruesi.

Easy text and clear illustrations show how to use a drench gun, balling gun, and automatic-dose syringes. Integrated control of internal parasites is explained, including chemical and natural wormers, use of clean pasture, and monitoring fecal egg counts.

Special emphasis is given to methods which minimize stress on the animals and ensure safety for the handler.

The illustrations were produced by Pat LaBrecque, a graphic artist who also keeps a flock of Cotswold sheep and angora goats.

Health Care Practices is available for $4.95 postpaid from William K. Kruesi, RD 1, Box 549, Wallingford, VT 05773.

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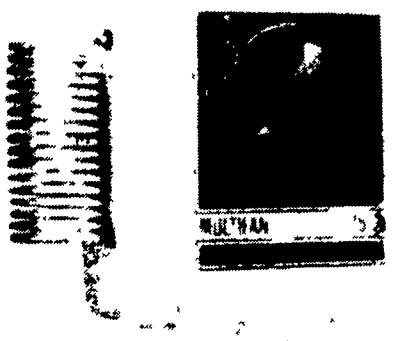

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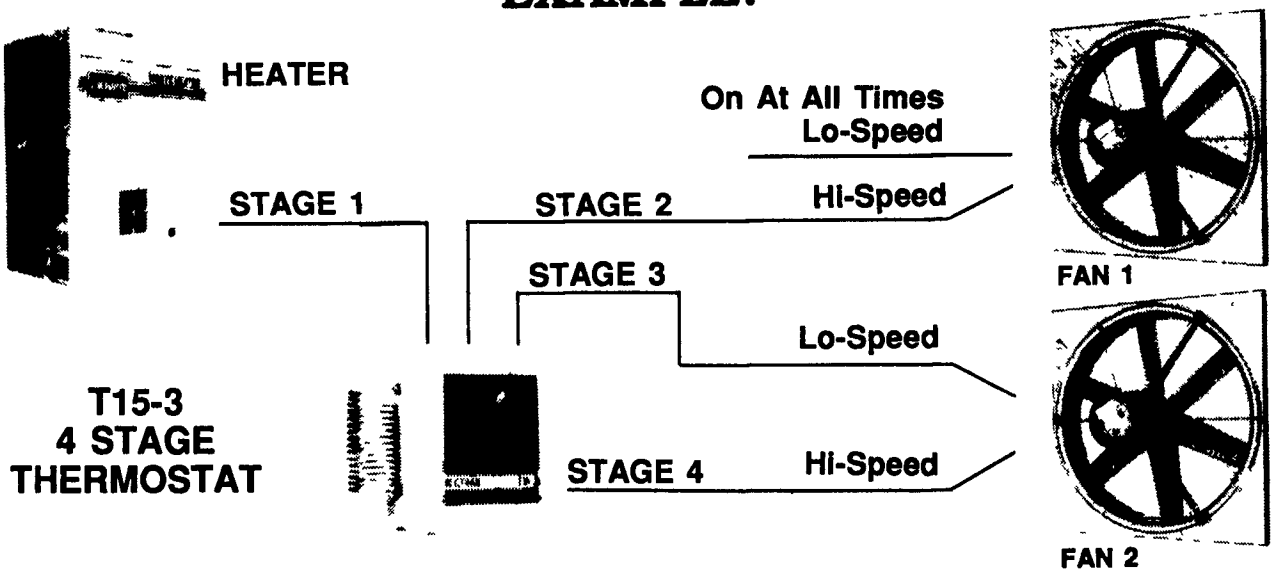

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MAXXUM Tractors Receive Honors For Excellence

Ranging from 77 to 94 PTO h.p, the three Case International MAXXUM™ tractor models were developed in response to customer feedback and underwent extensive field testing and farmer critique before being introduced to the marketplace in 1989.

RACINE, Wis. — Case International 5100 Series MAXXUM™ tractors recently received the 1990 AE 50 award from the American Society of Agricultural Engineers (ASAE).

The annual AE 50 award is given to products, components, or systems judged by a panel of experts to be among the previous year's 50 most significant engineering advances. According to "Agricultural Engineering" magazine: "To be named among the winners of the AE 50 award is to be held in high esteem by one's peers...It is an honor bestowed in recognition of innovation of a high order."

One or more Case International products have appeared on the AE 50 list for four straight years. Other Case International equipment recognized by the ASAE includes the MAGNUM™ tractor line and the Model 8580 large rectangular baler.

Ranging from 77 to 94 PTO h.p., the three MAXXUM models were developed in response to customer feedback, and the underwent extensive field testing and farmer critique before being introduced to the marketplaced in 1989.

"When our engineers talk to farmers and drive the equipment under actual field conditions, they see firsthand what works, what doesn't, and why," said Vickie L. Rickey, vice president, agricultural equipment marketing. "This really unleashes their talent for solving problems and developing features that benefit the farmer. If there's one thing our engineers take pride in, it's designing equipment that serves a real function — making work easier, faster, or more efficient."

MAXXUM prototypes were reviewed by farmers at the company's Hinsdale, Ill., engineering center in 1988. Introduction of the new line was actually delayed until suggestions from these farmers could be incorporated into the new tractors.

"Generally, the farmers had extremely positive comments. They rated 254 design components as being above average to excellent," Rickey said. "But they also identified a number of items that should be changed. We made many of those changes, and several others. As a result, when these tractors were introduced, the response was excellent."

The MAXXUM prototypes are still being evaluated on selected farming operations. "We're also talking to the farmers who bought the first production model MAXXUM tractors. We will use feedback on the prototypes and prior production models to make continuing refinements," Rickey said.

Insect Management

DEKALB, Ill. — Severe insect infestations can be a major problem for corn growers. Knowing how to predict and guard against yield-robbing insects can save a farmer time and money.

"The two major insects affecting nearly every farmer are the European corn borer and rootworm," said DEKALB Plant Genetics regional agronomist Bob McCauley. He noted that their larvae weaken stalks and ear shanks, providing an entry way for stalk rot and lodging.

The DEKALB agronomist says careful hybrid selection can help growers reduce insect feeding stress on a crop. Many hybrids have some level of tolerance. He suggested selecting hybrids that have stronger stalks and shanks and good natural stay green late in the growing season.

McCauley said that careful planning and frequent scouting can help growers reduce yield and profit losses because of insects.

"We need to plan for the best year possible," he said. "Choose hybrids with care, fertilize for the highest yield, scout your fields on a regular basis, and implement control when certain numbers of insects are present."

McCauley noted that though farmers cannot plan for insect infestations, they can plan to repeat the highest yield average already achieved and base the rest of their inputs on that kind of goal.

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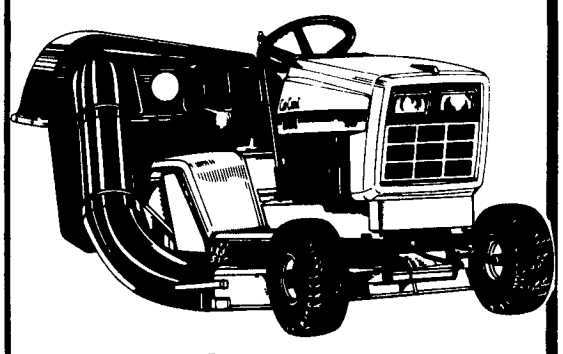

MODEL 1015
- 10 HP Briggs & Stratton 16 Engine
- 5 Speed Transmission
- Standard 32" High Vacuum Deck
- Optional Twin Bagger

ONLY **$1,495**

SPECIAL PRICES ON ALL MODELS IN STOCK! SEE US NOW!

- New 2082 Cub Cadet w/60" Mower Demo Special **$5,195**
- New Model 1050 10 HP Garden Tractor w/38" Bagging Deck Or 44" Deck Your Choice **$2,790**
- New Cub Cadet 524 Snow Thrower 5 HP 24" Now **$685**

MESSICK FARM EQUIPMENT, INC.
Rheems Exit- Rt. 283; Elizabethtown, PA
717-367-1319, 717-653-8867
Toll Free In PA: 1-800-222-3373

HAYBUSTER

BUILDING DURABLE EQUIPMENT FOR OVER 25 YEARS!

BIG BITE

- Industrial Grinders
- Tub Grinders
- No-Till Grain Drills
- Rock Pickers
- Round Bale Processors

OPEN HOUSE SPECIALS ALL WEEK!
JAN. 28 - FEB. 2

MESSICK FARM EQUIPMENT, INC.
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OPEN HOUSE

MESSICK

FARM EQUIPMENT

WELCOMES YOU

ONE FULL WEEK
January 28 - February 2, 1991
Mon. & Tues. 7:30 am-5 pm
Wed., Thurs., Fri. 7:30 am-9 pm
Sat. 7:30 am-2 pm

WE REPRESENT THE FOLLOWING MANUFACTURERS:

- Hamilton Equipment
- Haybuster
- Ryder Supply Co.
- Todd Farm Equipment
- Cummings & Bricker, Inc.
- Woods
- Case IH Co.
- J.S. Woodhouse
- Pequea
- Cam Spray
- Ford New Holland
- Cub Cadet
- Stihl
- Demco
- Cagle
- Ag Chem

AND SELL THE FOLLOWING PRODUCTS:

case IH

• Tractors
• Tillage
• Uniloaders

HAYBUSTER
No Till Drills & Tub Mixers

wic Liquid Manure Systems

ZIMMERMAN
RUNNING GEARS & ELEVATORS

Ford
FORD
NEW HOLLAND

Cub Cadet
Lawn and Garden Tractors

STEINER TRACTORS

STIHL®
The World's Largest Selling Chain Saw.

CAM SPRAY
HI PRESSURE WASHERS

Glencoe
SOIL FINISHERS
FIELD CULTIVATORS
SOIL SAVERS

WOODS
MOWERS

Brillion
STRENGTH IN TILLAGE

ag-chem
SPRAYERS

Quality Products, Good Service And Fair Prices Are Year-Round At Messick's

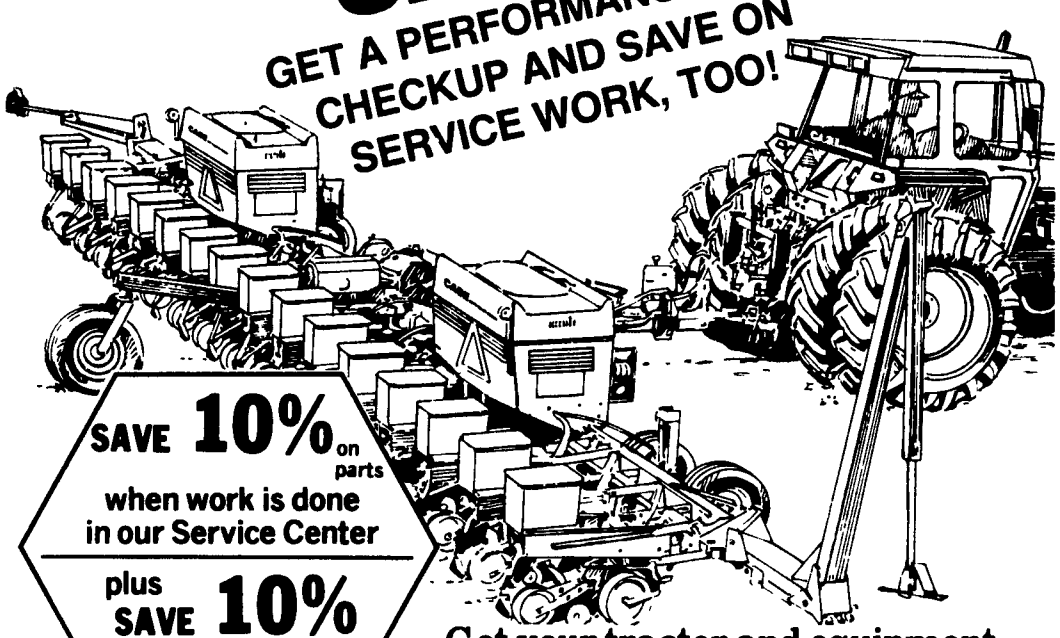
PARTS VALUE OF THE MONTH

Pre-Season Service Savings

case IH

BE READY FOR SPRING

GET A PERFORMANCE PLUS CHECKUP AND SAVE ON SERVICE WORK, TOO!



SAVE 10% on parts when work is done in our Service Center

plus SAVE 10% on labor

Get your tractor and equipment in top shape for the busy season and save at off-season prices.

Don't wait until the busy season hits. Get your tractor ready to roll now at special Pre-Season Service Savings.

Don't Delay...Call Doug Today

Parts Shipped Daily UPS *Call For Discounts*

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We Ship UPS

WOODS batwing

ROTARY CUTTER Model HD315

- Cut Grass And Weeds
- Clear Brush, Shred Stalks

15 Ft. Batwing
Center Skid Shoes, Solid Tires,
H.D. 540 P.T.O., Hydraulic Wing Fold,
Stump Jumpers

1 ONLY **$7,498**

- RM 500 5 Ft. 3 Pt. Finishing Mower ..... Reg. $1685.00 NOW **$1,325**
- RM 600 6 Ft. 3 Pt. Finishing Mower ..... Reg. $1885.00 NOW **$1,465**
- 84 7 Ft. H.D. Rotary Cutter ..... Reg. $2460.00 NOW **$1,895**
- Woods T480 Rototiller, 3 Pt. Hitch ..... NOW **$1,289**

KREIDER BALE RACK WAGON

- 8'x18'
- Complete Steel Wagon w/Wooden Screwed Down Floor
- All Formed Steel Stringers & Cross Members
- 8 Ton Running Gear
- 11Lx15 Tires
- Adjustable Tongue

Best Built Wagon Around!

ONLY **$1985**

ORDER NOW! PRICE INCREASE 3/1/91

HERD SEEDERS

Save Fuel & Man Hours!

OPEN HOUSE SPECIALS

	Reg	NOW
• M96, 3 Bu.	$375	$298
• F160, 5 Bu.	$485	$398
• 750, 9.6 Bu.	$835	$735

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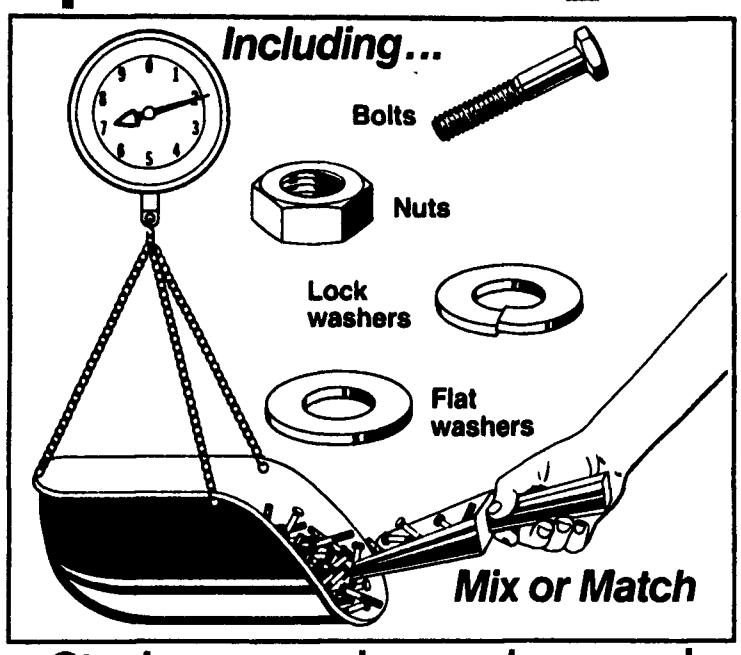
GRADE 5 BOLTS

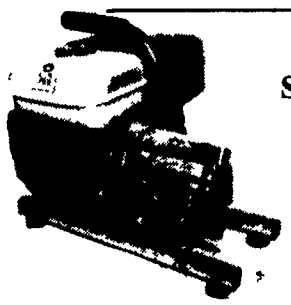
case IH

Only $1.09 per pound



Stock up your home shop now!

CAM SPRAY
HI PRESSURE WASHERS



SPECIAL $655.39

- 1200 P.S.I.
- 3.0 GPM
- 20' Hose
- 3 Plunger Pump
- Trigger Attached
- Soap Control From Gun
- 3.5 H.P. Honda
- Oil Shut Down
- Overhead Cam

- 2000 P.S.I.
- 5 H.P. Electric
- 40' Hose
- Gun w/3 Tips
- 5 Plunger Pump

$1,375

- 1000 P.S.I.
- 1.5 H.P.
- Adjustable Pressure
- Trigger Activated
- Gauge

$398.00

- 2900 P.S.I.
- 4.5 GPM
- Gun w/ 3 Tips
- 40' Hose
- 5 Plunger Pump
- 11 H.P. Honda Engine

List $2,299

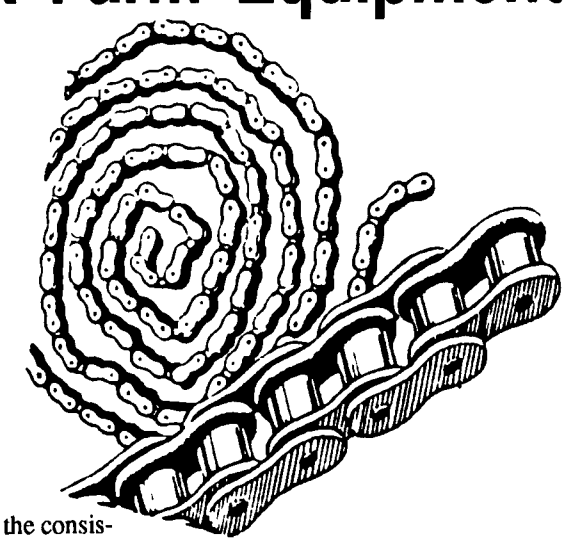
ONLY **$1,595**

Save Up To 40%

On A Winning Combination From

case IH And Messick Farm Equipment

American Made Roller Chain
10-ft. roller chains



	List	ONLY
1789D - #35	$ 32.04	**$18.77**
1790D - #40	$ 35.60	**$23.49**
1791D - #50	$ 39.10	**$26.96**
611362R91 - #60	$ 51.80	**$34.16**
1793D - #60H	$ 67.60	**$44.70**
654437R91 - #80	$109.60	**$72.43**

Save on American made roller chain... built tough with the consistent quality that imports don't always have.

REMEMBER!

AT LEAST 10% Discount On

ALL PARTS

— PLUS —

A Messick Farm Equipment 10' Tape Measure Free With $150.00 Purchase Of Parts

★ FREE REFRESHMENTS ★

★ WE WILL SHIP ★

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MESSICK FARM EQUIPMENT, INC.

JAN. 28 - FEB. 2, 1991

MON. & TUES. 7:30 A.M. - 5 P.M.
WED., THRUS., FRI. 7:30 A.M. - 9 P.M.
SAT. 7:30 A.M. - 2 P.M.

CASE IH 235 & 245 DIESEL

COMPACT TRACTOR CLEARANCE SALE!

- 235 Diesel 4x4, Gear
  Reg. $9,800 NOW **$6,950**
- 235 Diesel 4x4 Hydro
  Reg. $10,800 NOW **$7,685**
- 245 Diesel 4x4, Gear
  Reg. $12,500 NOW **$8,350**

All Tractors Are NEW! Ag Or Turf Tires

CASE IH 5300 GRAIN DRILL

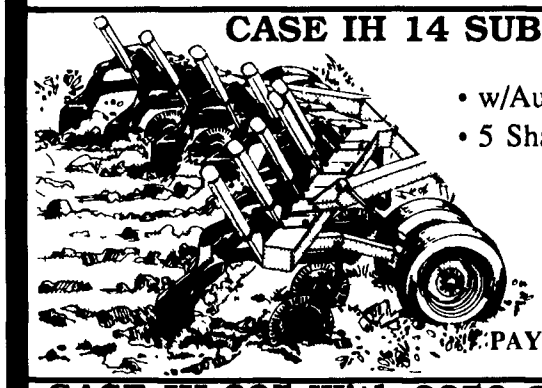
Featuring New Heavy-Duty Disc Openers

- 20x6 Double Disc Openers
- Press Wheel • Grain Drill Tires
- Acre Meter • Soybean Package

ONE TIME ONLY!

SPECIAL - Buy In The Box And SAVE $5,950

CASE IH 14 SUB SOILER



- w/Auto Reset
- 5 Shank

Reg. Price $7,860.00
NOW **$5,849.00**
(w/0%/9 Mo. Financing)

PAY CASH-ONLY **$5,689**

CASE IH 395 With 2250 Quick Attach Loader

Features
- ★ Foot Throttle
- ★ Diff Lock
- ★ Big Pump For Fast Loader Action
- ★ Single Lever Loader Valve Control
- ★ 2500 Capacity Lift

You've Never Seen So Much Tractor At Such A Low Price!

1 Time Only! **$15,875**

MAXXUM™

5120 77 H.P. 5130 86 H.P. 5140 94 H.P.

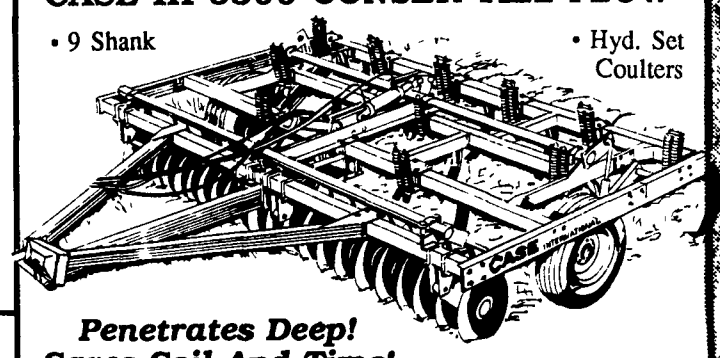
We Want
YOU!
To Take A Test Drive

Feel The Comfort!
Feel The Power!
Feel The Excitement!

- powerful fuel-efficient Case diesel engine
- powershift transmission with 16 forward & 12 reverse w/shuttle shift
- comfort & convenience in a deluxe cab w/2 door or a custom canopy
- protected by 5 yr/5000 Hr. warranty

CASE IH 6500 CONSER-TILL PLOW

- 9 Shank
- Hyd. Set Coulters

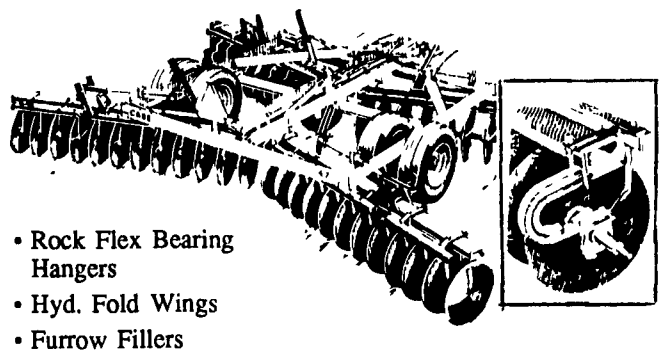


Penetrates Deep!
Saves Soil And Time!

Reg. $8,950
Finance 9.5%/36 Mo.
$6,960

CASH
ONE ONLY **$6,780**

CASE IH 475 18 FT. DISC HARROW



- Rock Flex Bearing Hangers
- Hyd. Fold Wings
- Furrow Fillers

IT LEVELS, LEVELS, LEVELS!

Reg. $13,900
Finance Or Waiver $9,950

CASH
ONE ONLY **$9,650**

SPECIAL E

- **MON.-FRI. NOO**- Comp
  Hit & Miss Gas Engines, oy Trac
- **MONDAY, JAN. 8**- Sto
  HOUSE Specials.
- **TUESDAY, JAN. 9**- Ca
  Holland Personnel To An er You
- **WEDNESDAY, J N. 30**
  "Welding Clinic" With H s-On
  Representative.
- **THURSDAY, JA 21**-
  Stitt From Keystone Stihl Chain
  Safety," Comic Films To low.
- **FRIDAY, FEB. 1**- 7 PM-
  A New Disney Release "ectah &
- **SATURDAY, FE 2**- La
  HOUSE SAVINGS.

CASE IH 720 BOT

- 5 Bottom • 18" Auto R
- Furrow Shifting H h • C
- Trash Plates

Reg. $11,985

ONE ONLY **$8,485**

OPEN HOUSE S

Early Birds Get The Bo

SPECIAL KNOCKDOW

Case IH 5700 Chisel Plow
9 Shank, Gauge Wheels, High Clearance
Case IH 183 6 Row Cultivator
Gauge Wheels, Guide Coulters
Case IH 1816 Skid Loader
Weights, 44" Bucket, Lights, Fuel Gauge
Rollbar R O P.S For 454, 574, 674
Complete Fertilizer Bottom For $10 & 510 D 18x7
2- 13 6x28 Rims & Tires.
2- 750x16 Frt. Wheels & Tires
Stump Jumper Woods Mower 33" Dia
Thrower Dump Shift IH 15 Thrower 440- 445 der
Complete #10 Thrower . .
IH 75 Cadet Fiberglass Body.
Seed Drum For 400 Planter
3 Pt Hitch Carrier
Case 94 Series Grill Guard
Rear Weights For 5666 88 Series Tractors
Front Weights Bumper 574 Series
Front Weight Brockets
Rear Weights
Pittsburgh 3 Pt. 6 Ft. Blade, New
Pittsburgh 3 Pt. Slip Scoop, New
Pittsburgh 240 5 Ft. Rotary Cutter, New
Woods R.B. 7 Ft. Blade, New....
1845 Case 72" Dirt Bucket.....
Tine Cover 2250 Loader 72".....
Tall Corn Attachment For 1000 Cornhead
New IH Windbreaker For 544 Tractor

GOOD CLEAN USED EQUIPMENT

TRACTORS

- IH 666 Hydro Tractor, 3 Pt., Wide Front, Exc. Cond.
- IH 1586 Tractor
- IH 5088 Tractor, Exc. Cond.
- IH 1066 Tractor w/Cab
- Same Tractor, 4WD, Cab, 95 H.P.
- IH 856 Tractor w/Cab
- IH 574D Tractor w/3 Pt.
- Case IH 275, 165 Hrs., 4x4 w/Loader
- DA 4506 Tractor w/Loader
- JD Backhoe, Diesel
- IH 656 Tractor
- Versatile 160 w/Loader

MISC.

- 20.8x38 Dual Wheels
- Farmhand Grinder/Mixer
- Myers 7½' Snowplow
- 300 Gal. Blue Sprayer w/Ground Dry Pump
- Woods RM 500 Mower
- Woods Cadet 72 Mower

HAY & FORAGE

- NH 315 Baler w/Thrower
- NH 278 Baler w/Thrower
- JD 336 Baler
- IH 27 Baler w/Thrower
- NH 411 Discbine, Nice
- IH 720 Forage Harvester w/2 Row Cornhead, Pick-Up
- NH 1465 SP Haybine, 12 Ft. Head
- NH 466 Haybine, 12 Ft.
- NH 488 Haybine
- NH 1010 Auto. Bale Wagon
- NH 900 Harvester, Metal Detector, w/900W Pick-Up
- Case IH 1480 Hydrowing
- IH 844 Cornhead
- NH 818 N4 Cornhead
- NH 27 Blower
- NH 25 Blower
- NI 310 Single Row Picker
- NH 575 Baler, Used 1 Season
- NH 256 Rake, Used 1 Season
- NH 849 Rd. Baler
- NH 782 For. Harvester w/2 Row N Cornhead, Pickup
- NH 892 Forage Harvester w/2 Row Cornhead, Pickup
- NH 8 Wagon w/Tandem Axle
- IH 51 Forage Box
- NH 818 4 Row Cornhead
- NH 30 Blower, 1000 RPM
- JD 6 Ft. Flail Chopper

SKID LOADERS

- Case 1835 Diesel w/Bucket
- Case 1816 Loader w/Bucket
- NH LB620 Loader/Backhoe, 4x4, 56 H.P. Diesel, 450 Hrs., Like New
- Case 1830 Skid Loader
- NH L445 Skid Loader, 900 Hrs.
- NH L555 Skid Loader w/Bucket, Excellent
- NH L778 Skid Loader
- IH 2250 Loader w/Bucket

PLANTING & TILLAGE

- MF 16 Ft. Rock-Flex Disc Harrow, Hyd. Wing
- White 252 12 Ft. Disc Harrow
- AC 333 Planter, 6 Row, Exc. Cond.
- IH 56 6 Row Planter
- IH 3 Bottom 440 Plow
- IH 37 10 Ft. Disc
- NH TD50 Disc Harrow, Like New
- IH 475 12 Ft. Disc Harrow
- IH 5100 24x6 Drill, w/Press Wheels
- IH 5100 18x7 Drill

SPREADERS

- NI 395 Tandem Axle Spreader, 550 Bushel, Top Beater, Hyd. Endgate, Exc. Cond.
- NH 795 Spreader
- H&S Spreader, Hyd. Drive
- NI 10 Ton Spreader w/Top Beater
- NH 679 Spreader, Nice
- Lely Vacuum Tank Spreader w/ Injectors

case IH

MESSICK FARM EQ

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Toll Free In PA 1-8

...e Home

case ih

...AL EVENTS

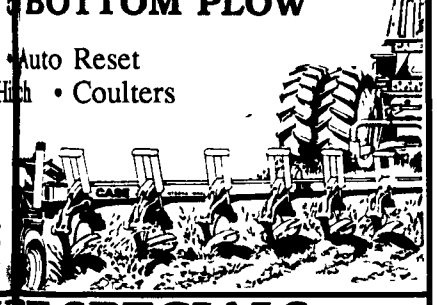
MARK THESE DATES ON YOUR CALENDAR

...NOON- Complete Display Of IH ...Engines, ...oy Tractors & Implements.
...JAN. 28- Stop In For Many OPEN ...

...JAN. 29- Case IH & Ford New ...l To An...er Your Questions.
...AY, JAN. 30- 11 AM & 7 PM- ...With H...s-On Demos With Century ...

...Y, JAN. 21- 1 PM & 7 PM- Earl ...ne Stihl Chain Saw Cutting Tips And ...ilms To ...llow.
...EB. 1...7 PM- "Family Film Night"- ...elease "...eetah & Friend".
...Y, FEB. 2- Last Day Of BIG OPEN ...S.

...720 ...BOTTOM PLOW



18" • Auto Reset
...ting Hitch • Coulters

85

...OUSE SPECIALS

...Birds Get The Best Deal

...L KNOCKDOWN PRICES

...learance	Reg. $3,850	$2,485
	Reg $4,295	$2,895
...1 Gauge	Reg $9,885	$6,780
		$75.00
...) & 510 D... 18x7		$78.00
		$250.00
		$85.00
Dia.		$15.00
...er 440-44...der		$75.00
		$375.00
		$50.00
		$29.00
		$125.00
		$95.00
...Tractors		$50.00 Per Set
		$85.00
		$98.00
		$85.00 Per Set
		$269.00
		$289.00
...New		$685.00
		$345.00
		$465.00
		$197.00
...rnhead		$68.00
...tor		$75.00

CASE IH MAGNUM TRACTORS

• 7110 - 130 HP • 7120 - 150 HP
• 7130 - 170 HP • 7140 - 195 HP

TAKE A TEST DRIVE!

Buy Our 7140, 195 HP Tractor! 400 Hrs.-Like New Save $20,000 - **$68,900!**

5 Year, 5000 Hour Warranty

Just Rec'd 7110 4x4 300 Hrs., Like New

CASE IH SKID STEER LOADERS

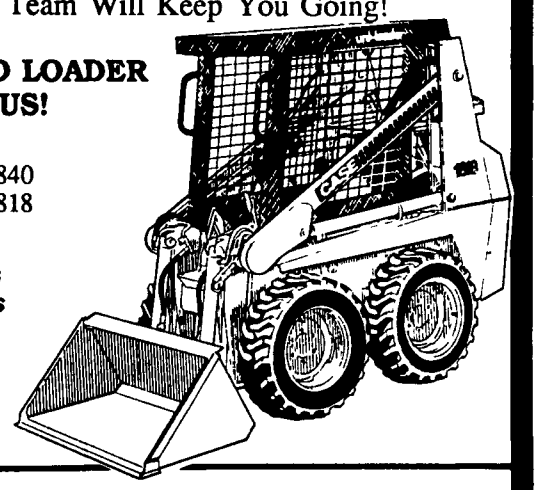
We Stock'Em! We Service'Em!
We Stock Parts!
Our Service Team Will Keep You Going!

THIS WEEK - SKID LOADER SALES BONUS!

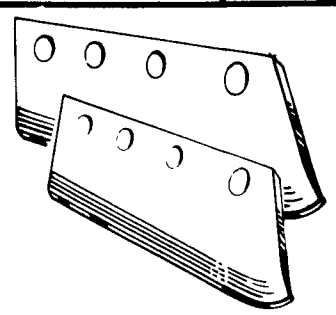
IN STOCK: 1845, 1840
1825, 1818

Brand New Units Priced As Low As

$6,780

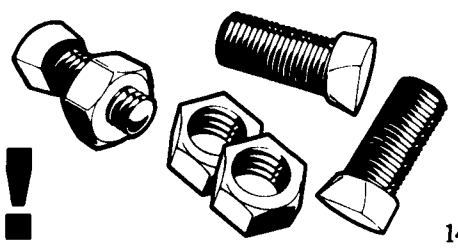


GIANT DISCOUNTS

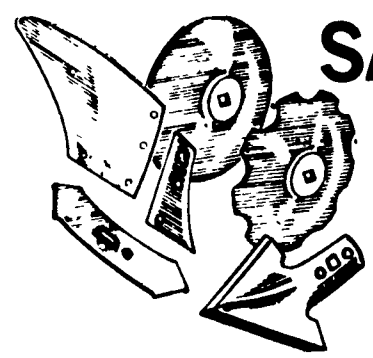


Plus

FREE BOLTS!



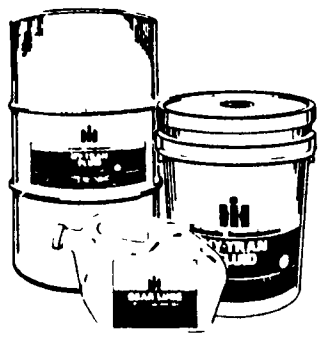
DOUBLE SAVINGS



Buy A Moldboard & Get A Trash Plate For 1/2 Price
Buy A Landslide And Get $1.00 Off On A Pad

	List	ONLY
14" & 16" Flat Shares	$11.41	$6.75
463236R1 Rockshare	$16.14	$9.25
Earth Metal Moldboards	$85.13	$54.95
Shins	$13.69	$8.98

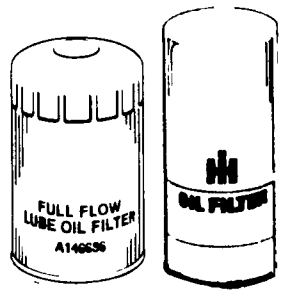
*** With Purchase Of 6 Shares, 6 Shins, Or 1 Moldboard**



55 GALLON OIL PRICES

In Your Drum
Hytran
$214.50
#1 30W
$211.75
#1 15W40
$226.60
Low Ash 30W
$234.30

407188R1 Grease Tubes
99¢



FILTER FESTIVAL!

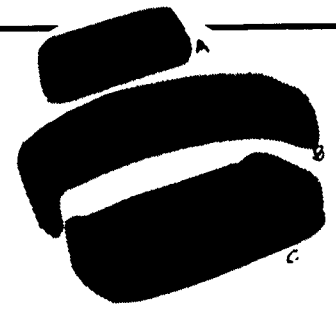
	SALE
IH-Oil 67561C91 LF3316	$4.75
IH-Oil-398080R2 LF3382	$4.81
Deutz-Oil-LF4056 (117-4418)	$4.54
N.H. 425-Oil-LF726	$3.39
Chevy Filter LF653	$3.37

DISC BLADE BONANZA

EARTH METAL

R998809R - 20" 1½ PD 1¼ Sq 7 Gauge — List $22.95 **Red Hot SALE** **$9.85**

Exclusive IH Earth Metal Disc Blades Are 60% Stronger, Last 20% Longer



	List	SALE
A. Upper backrest-387177R92	$29.62	$14.91
B. Back cushion-387174R92	$81.53	$44.77
C. Seat cushion-400711R2	$117.27	$53.95

For Agricultural Equipment

These three items fit:
Combines: IH 403, 503, 614, 715, 815, 915
Tractors: IH 504, 544, 656, 666, 686, 706, 766, 826, 856, 966, 1026, 1066, 1206, 1256, 1456, 1466, 1468, 1566.

...EQUIPMENT, INC.

...Rt. ...3, Elizabethtown, PA
...717-653-8867
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Ford Credit

Calling All FARMERS...

JAN. 28 - FEB. 2, 1991

10 to 42% OFF ALL PARTS

Ford FORD NEW HOLLAND

WE ARE YOUR NH PARTS HEADQUARTERS

★ 8 Full-Time Parts Men To Assist You ★
★ LARGE INVENTORY ★
★ YEAR-ROUND LOW PRICES ★

FORD NEW HOLLAND QUALITY PARTS

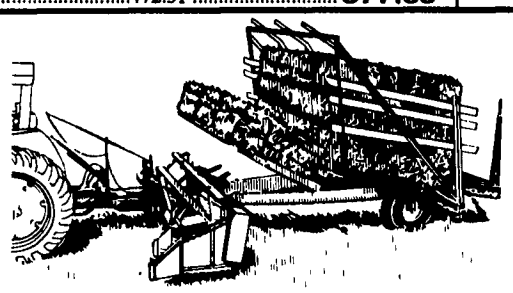
SAVE 10% ON ALL PARTS DURING OPEN HOUSE

SAVE 20% ON THE FOLLOWING SPECIALS

		LIST	SPECIAL
	BALERS		
131673	Super Sweep Pickup Tooth	1.47	$1.18
39716	Shearbolt	.21	.17
46520	Shearbolt	.21	.17
58118	Shearbolt	.21	.17
633169	Shearbolt	.29	.23
	HAYBINES		
29875	Knife Section	.51	.41
219191	Guard	8.65	6.92
254132	479-488 Knife Bushing	7.31	5.85
648003	495-1495 Riveted Knife Assy.	109.88	87.91
648835	489 Riveted Knife Assy.	93.28	74.62
648840	479-488 Riveted Knife Assy.	79.90	63.92
648844	469 Riveted Knife Assy.	79 81	63.85
858700	479-488 Bolted Knife Assy	83 50	66.80
858702	489 Bolted Knife Assy.	101.81	81.45
858706	495-1495 Bolted Knife Assy.	111 98	89.58
	RAKES		
64562	Steel Tine	81	.65
850612	56-256 Rubber Tooth.	3 33	2.66
850613	258 Rubber Tooth	3 33	2.66
850614	259-260 Rubber Tooth.	3.33	2.66
	SPREADERS		
228766	675-676-677 Pintle Web.	627.52	502.02
575075	790-791 Pintle Web.	1046 68	837.34
634495	795 Pintle Web.	632 90	506.32
677906	795 T-Bar Web	594.33	354.54
9604051	679 Pintle Web	703.50	562.80
34887	325-336 Steel.	225 59	180.47
9604048	680 T-Bar	663 62	530.90
9604052	519-520 Pintle	536.57	429.26
9604053	513-514 Pintle	472.31	377.85

Labor Hard To Find?
1-Man Bale Handling
N.H. 1037 BALE WAGON

Reg. Sale Price ~~$26,300~~
TOWAWAY SPECIAL
Handles 64 Tons Of Hay In An 8-Hour Day
$19,685



SPECIAL DEALS - DON'T MISS IT!

BRAND NEW — SPECIAL — ONE TIME ONLY!

NH Electronic Weight Command Scales For 355 Grinder Mixer — Reg. $2,450 — **NOW $1,389.00**

	Reg.	NOW
NH 157 Tedder 10 Ft. (In Box)	$2,150	$1,495
NH 163 Tedder 17 Ft. (In Box)	$4,180	$3,195
NH 472 Haybine 7 Ft.	$9,450	$6,438
NH 474 Haybine 7 Ft. Deluxe	$10,600	$7,350
NH 488 Haybine 9 Ft.	$10,300	$6,995
NH 144 Inverter	$4,369	$3,395
NH 254 Rake Tedder (In Box)	$4,620	$3,450
NH 256 Rake Rubber Tines (In Box)	$3,633	$2,695
NH 716 Forage Box w/NH 610 Running Gear 12.5x15 Tires	$8,895	$6,850
NH 790 Harvester 1000 RPM Electric Controls, Quick Adjust Shear Box	1 Only Cash Purchase Before Jan. 31, 1991	$9,850
NH 28 Blower 540 P.T.O.	$4,250	$3,165
NH 213 Spreader It's New	Only	$2,895
NH 514 Spreader w/Top Beater, 177 Bu.	$4,875	$3,985
NH L250 Skid Loader, 42" Bucket	$9,650	$6,285

Complete Rear Axle For NH 234 Gear	$98.00
Corn Hopper For NH 890 Harvester	$25.00
2-Tines For NH 80 Baler Mover	$85.00
Canvas Cab Enclosure For NH Skid Loader	$59.00
NH Bagger For Grinder Mixer	$139.00
NH ¼ Turn Chute For Baler	$159.00
NH 716 Forage Box Cross Ext.	$210.00
NH 304 Tank Liner Kit	$49.00
7 Roof Pieces For #8 Forage Box	$75.00
Automatic Oiler For NH Rd. Baler	$75.00
NH Transport Gauge Wheels For Corn Head	$15.00
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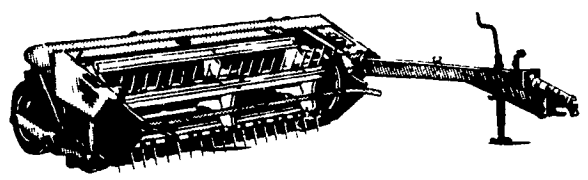
N.H. MODEL 492 HAYBINE w/Cutterbar



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Reg. ~~$12,319~~ **ONE ONLY! $8,465**

NEW From Ford New Holland-N.H. 216 Unitized Rake

Features:

- Big 27 Ft. Raking Capacity
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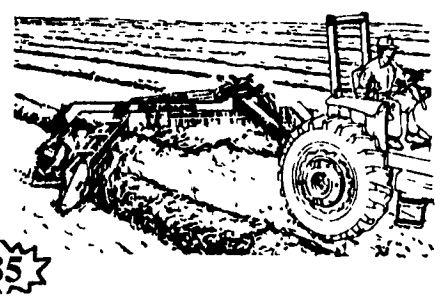
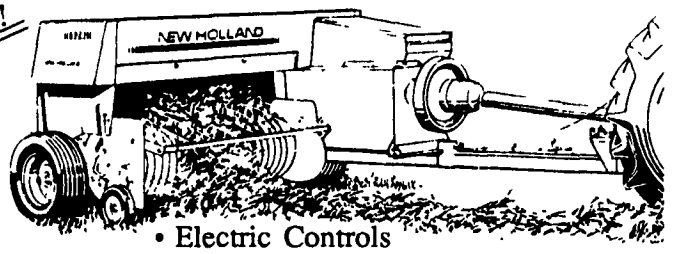
- Hydraulically Controlled From Inside Cab
- Transport 10 Ft.



Reg. ~~$15,670~~
Sale Price ~~$13,500~~

NOW $11,985

BRAND NEW! NH 565 BALER w/72 THROWER

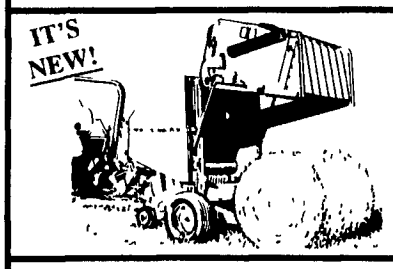


- Electric Controls
- Flotation Tires
- Field Ready

Reg. ~~$14,685~~

ONE ONLY! $9,985

IT'S NEW! NH 630 RD. BALER



- Elec. Controls

Reg. Price ~~$12,300~~

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Brillion
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Brillion
21 Ft. X-Fold Packer
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23 Ft. X-Fold Packer
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Brillion
25 Ft. X-Fold Packer
Reg. $8,795

NOW **$6,885**

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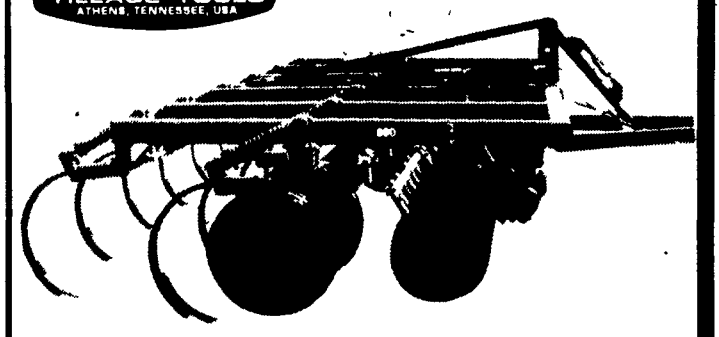
ATHENS, TENNESSEE, USA

ATHENS MODEL 890 COULTER/CHISEL



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- 4x4 Tubular Frame
- Quadra-Seal Wheel And Coulter Gang Bearings
- Heavy-Duty A-Frame Tongue

Reg. Price $8,650
ONE ONLY! **$6,950**

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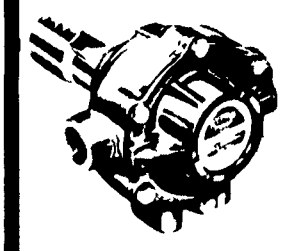

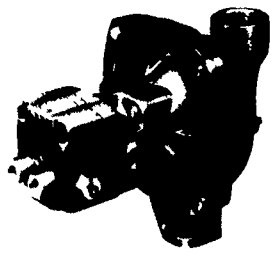

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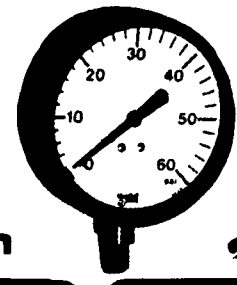

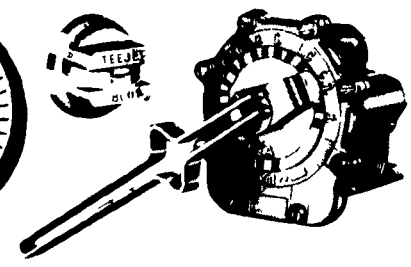

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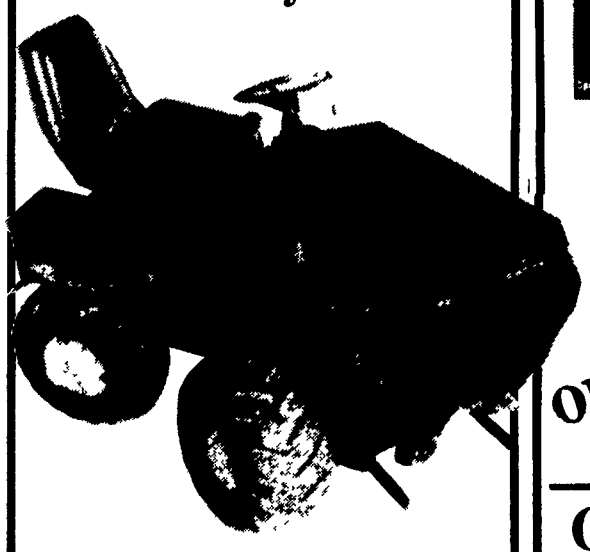
We have purchased a large quantity at last year's price - to pass savings on to you!



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- ★ 4 Wheel Drive
- ★ 20 H.P. Onan Engine
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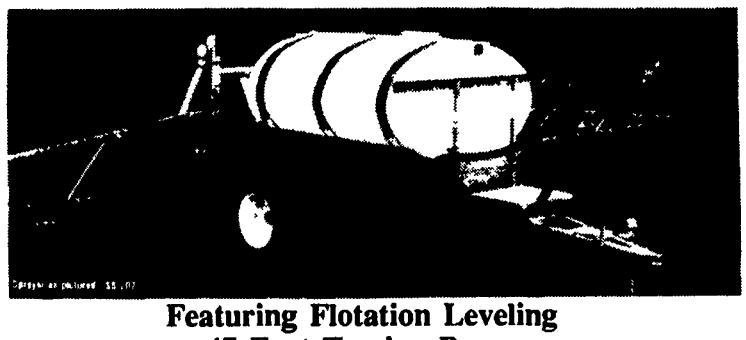
500 GAL. TRAILER SPRAYER



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With: Flotation Tires
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OPEN HOUSE SPECIAL
One Only **$4,650**

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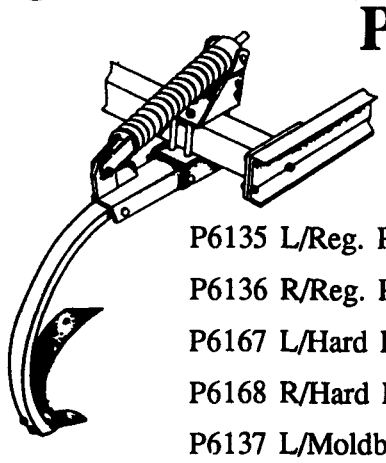

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P6135 L/Reg. Point....$ 7.92	**$4.21**
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P6167 L/Hard Point...$13.20	**$7.43**
P6168 R/Hard Point	
P6137 L/Moldboard ...$12.87	**$6.18**

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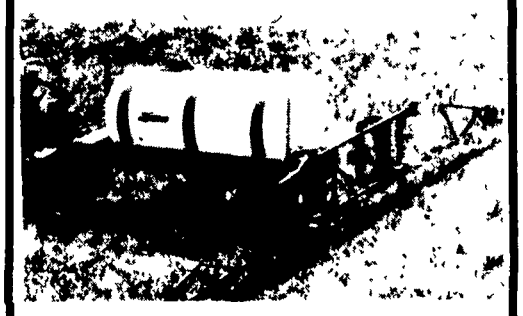

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Sen. Kuhl To Address Beef Cattlemen

CORNING, N.Y. — Harold Maynard of Campbell, president of the New York Beef Cattlemen's Association, announced that the association's annual meeting will be held at the Corning Hilton Inn, on February 8 and 9.

Senator John R. Kuhl, Jr. R-Hammondsport, will address the group at its Friday night banquet.

Maynard said, "In light of today's crucial financial problems at all levels of government, we are most fortunate in having Senator Kuhl as our speaker."

Senator Kuhl is chairman of the Senate Standing Committee on Agriculture and serves on the Banks; Health; Housing and Community Development; Social Services; Tourism, Recreation and Sports Development; and Transportation standing committees. He is also the state chairman of the American Legislative Exchange Council and vice chairman of the National Conference of State Legislatures' Wine Industry Task Force.

He is a member of the Legislative Commission on Dairy Industry Development; the Senate Select Committeee on Interstate Cooperation; the National Conference of State Legislatures' Committee on Agriculture, Food Policy and Rural Development; the Council of State Governments' Intergovernmental Affairs Committee; the State Council on Agricultural Development and Innovation; the Governor's Task Force on Early Childhood Services; the Advisory Council for Cornell University's College of Agriculture and Life Sciences; and the Council of State Governments' Eastern Regional Conference's Energy and Public Utilities Committee. He represents the 52nd Senate district, comprising Steuben, Chemung, Seneca, and Yates Counties and part of Ontario County.

The NYBCA State Sale Committee will meet on Friday morning, followed by the educational program on integrated resource management for New York beef producers. This has been developed over the past year by Cornell Cooperative Extension in conjunction with the NYBCA Producer Services Committeee chaired by Lee Kraszewski of Corning. The program is being coordinated by Dr. Dan Fox of Cornell University, with Dr. Don Lein, Cornell; Fox, Kraszewski; and Caroline Rasmussen of Cornell University presenting portions of the plan.

The educational program will conclude with a panel discussion of agency roles with Tom Gallagher of Albany's Cooperative Extension, Darrell Emmick of RC&D/SCS, Peter Comerford of NYS Department of Ag and Markets, and Dennis Widga of USDA, participating with cattlemen representatives Harold Maynard and Fred Zeiner of Morris.

The New York Cattlewomen, with President Eldora Benson of Potsdam presiding, will hold their business meeting Friday afternoon with election of officers on Saturday morning.

Breed associations holding their annual meetings Friday afternoon are the New York Angus Association, Carl McCullough of Germantown, president; the New York Charolais Assocation, Eric Scott of Hannibal, president; and the New York Simmental Association, Kenneth White of Groton, president.

The cattlemen's annual business meeting will be held Saturday morning with reports from state committees and consideration of proposed bylaw changes on the agenda. Election of officers will follow. Slate to be presented includes Fred Zeiner of Morris, president; Donald Gray of Springwater, vice president; Charles Boone of Westerlo, treasurer; and Shirley Brown, Addison, secretary.

The New York State Fair Committee will convene following the annual meeting.

The two-day event will conclude Saturday at noon with the awards luncheon, when the organizations highest awards will be presented to the youth recipient, county extension agent of the year, and cattleman of the year.

Producers are most welcome to attend this educational and informational meeting. For further information, contact the NYBCA secretary, Shirley Brown, at (607) 359-3662.

Make Plans To Attend Holstein Beef Symposium

ITHACA, N.Y. — A national symposium on Holstein beef production will be held in Harrisburg, Pennsylvania on February 13-15, 1991.

Speakers from around the country will focus on all aspects of Holstein beef production, from raising calves to market expectations. The conference, and resulting proceedings, will present methods for profitably raising Holstein steers for beef.

The symposium will be divided into six sessions: Opportunities for Holstein Beef Production; Producing Holstein Feeder Calves; Financial Risk Management; Marketing Finished Holstein Steers; Nutritional Management of Holstein Steers; and Facilities for Holstein Steers.

A series of presentations will focus on switching from dairying to Holstein beef production, including evaluating profitability and remodeling existing facilities. A case study will also be presented.

Another series will focus on market expectations and feeding strategies to meet those expectations. A panel of Holstein beef producers will discuss their experiences during the last hour of the symposium.

Speakers at the conference will include university researchers; Holstein beef producers, packers, and marketers; farm advisors; facilities planners; veterinarians; meat scientists; and nutritionists. Significant time has been allotted for questions from the audience and informal discussion.

All those with an interest in Holstein beef production and marketing systems should attend this symposium. Dairy farmers or livestock farmers interested in pursuing Holstein beef production, farm advisors, veterinarians, animal scientists, agricultural economists, feed suppliers, researchers, and farm builders will find useful information presented.

PSU Sponsors Conference

UNIVERSITY PARK (Centre Co.)— Pennsylvania's Agricultural Economy: Trends, Issues and Prospects Conference will be held March 20-21 in Penn State's Keller Conference Center at University Park.

Sponsored by Penn State's College of Agriculture, the conference is expected to attract agricultural educators, farm and food industry leaders, government officials, and representatives of consumer and environmental groups.

Presentations at the conference will focus on the status of Pennsylvania's agricultural and rural non-farm economies, farm credit, world trade developments, environmental issues, and consumer preferences and health concerns. Penn State agricultural economists also will discuss the outlook for specific farm commodities.

A banquet the evening of March 20 will feature guest speaker Lauren Soth, syndicated columnist and Pulitzer Prize-winning retired editor of the *"Des Moines Register."*

A $75 registration fee covers attendance at all sessions and the banquet. For registration information, contact the Office of Conferences and Short Courses, The Pennsylvania State University, 306 Ag Administration Building, University Park, PA 16802, (814) 865-8301.

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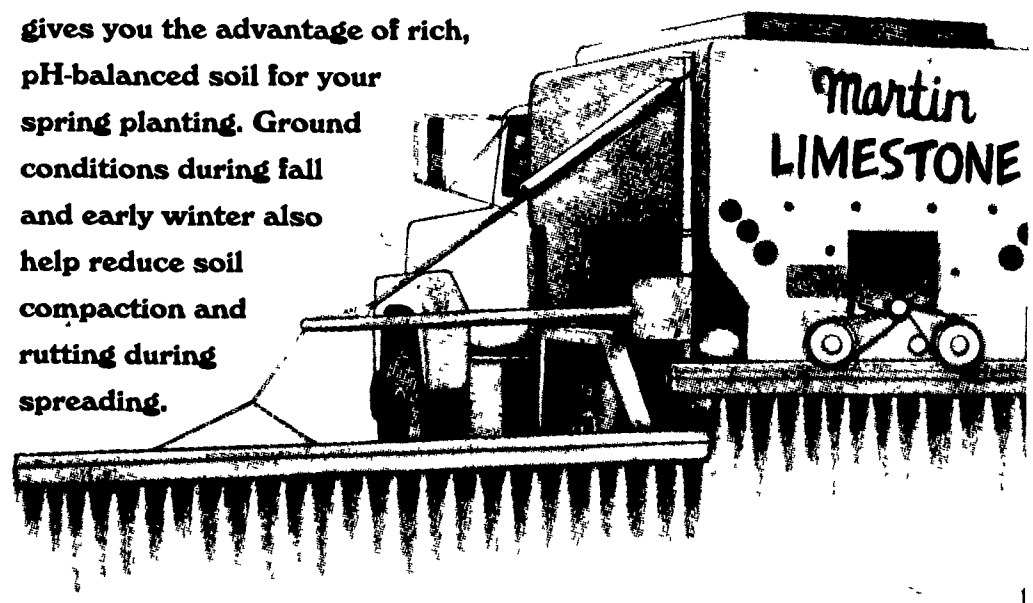

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Crops Day, Vegetable Conference Set

ROBERT E. LEIBY AND
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Lehigh Co. Cooperative
Extension Office

This year's Lehigh/Northampton Crops Day will run from 9:15 a.m. until 3 p.m., Tuesday, January 29 at the UGI Auditorium, 2121 City Line Road (just east of ABE Airport), Lehigh Valley Industrial Park, Bethlehem.

Penn State extension specialists and county agents will present a program which will include the following subjects:

- Forage Crop Establishment.
- New Tillage Tools.
- Alternative Field Crops.
- Corn Rootworm.
- Farm Safety.
- Forage Crop Cutting Management.
- New Post-Emergence Corn Herbicides.

You'll be able to earn pesticide applicator recertification credits. No reservations are needed and there is no charge. Lunch will be on your own. Commercial exhibits will also be a part of this event.

Vegetable Conference

Fruit and vegetable growers from across Pennsylvania will gather in Hershey for the annual Fruit and Vegetable Conference and Trade Show. The event, which usually attracts more than 1,500 people, will be held at the Hershey Lodge and Convention Center, January 29 to 31.

University specialists, industry representatives, and growers from Pennsylvania and other states will offer more than 42 presentations during the sessions. More than 100 exhibitors will display the latest in equipment, supplies, pesticides, and varieties for both fruit and vegetable growers at the trade show.

The conference will feature concurrent educational sessions all three days. Tuesday's sessions will cover processing and fresh-market production methods, including disease control, marketing, nutrient management, production systems, and business management. Bedding plant production and marketing will be the focus on Wednesday, along with a session on general vegetable culture.

Thursday will be devoted to small fruit production and an integrated crop management short course.

In addition to the educational offerings at the conference, several fruit and vegetable growers' organizations will meet. The 132nd annual meeting of the State Horticultural Association of Pennsylvania, the annual Tomato Awards Luncheon and the Fruit and Vegetable Growers Banquet and annual membership meeting all will be held during the conference.

Registration begins at 7:30 each morning in the main lobby of the Convention Center at West Chocolate Avenue and University Drive in Hershey. Registration fees, which provide admission to the educational sessions and the trade show exhibits, are $25 for all three days and $15 for one day.

Additional information on the program can be obtained from Penn State Cooperative Extension offices or the Pennsylvania Vegetable Growers Association, Route 1, Box 392, Northumberland, PA 17857-9723, (717) 473-8468.

Dairy
Management Seminars

Dairy farmers interested in improving the profitability of their businesses can find new ideas at the Penn State Dairy Management seminars. The seminars will be held at four locations throughout Pennsylvania in February.

The program will examine several facets of dairy production. Featured speakers will include experts from Penn State and Cornell University.

Thomas Maloney, farm labor specialist at Cornell University, will address the demands of dairy farm labor management. Dr. William Heald, Penn State professor of dairy science, will discuss the most accurate methods of analyzing cow performance.

Rod Martin, president of Martin Enterprises, a dairy systems planning engineering company in Spring Hill, Florida, will examine strategies to maintain cow comfort. Dr. Larry Hutchinson, professor of veterinary science at Penn State, will discuss managing crises during calving.

Other topics to be addressed at the seminars include dry cow management and early lactation nutritional management. Each seminar will close with a discussion period.

The seminars will be held February 5 in Tunkhannock, February 6 in New Oxford, February 7 in DuBois, and February 8 in Altoona. The $22 registration fee includes printed proceedings, lunch, and seminar expenses. Preregistration by January 29 is recommended.

More information and registration forms are available from the Dairy Science Extension Office, 324 Henning Building, University Park, PA 16802, (814) 863-3913.

Keystone
Pork Congress

The Pennsylvania Pork Producers Council will present the 13th Keystone Pork Congress, starting with registration and a trade show at 8 a.m. Wednesday, February 20, Penn Harris Inn, Camp Hill.

Educational offerings will focus on human health risks in swine facilities, hog market outlook, solving manure odor problems, Pseudorabies control, and the Pennsylvania PRV control program. There will also be speaking contests and a Pork Bowl for 4-H and FFA members. The Congress will conclude with a banquet at 6 p.m. Phone (215) 391-9840 to request registration information and forms.

Atrazine Users
Must Be Certified

Farmers and other users of atrazine and products containing atrazine (Bicep, Prozine, etc.) who are not currently certified pesticide applicators will need to become certified if they wish to continue to purchase and apply these products. Under the changes made by the manufacturer and approved by EPA, these products are now classified as "Restricted Use."

In order to become certified in Pennsylvania, a person needs to pass a written examination that is administered by the Pennsylvania Department of Agriculture.

In the Lehigh Valley, this exam may be taken at 9:30 a.m. the third Friday of each month at the Lehigh County Agricultural Center, 4184 Dorney Park Road, Allentown. Pre-register for the exam by phoning (215) 489-1003.

A study guide for the certification exam is available from county extension offices for $14.

Applicators who are using atrazine products and are already certified should become aware of other changes in the label. Here's a summary of major changes:

- These products must not be applied through any irrigation system.
- Maximum amount per year on corn and sorghum is three pounds active ingredient.
- Application to corn and sorghum exceeding 12 inches in height is prohibited.
- Under "Storage and Disposal," the label recommends permanent liquid bulk storage sites be diked and floored with an impermeable material to reduce the possibility of groundwater contamination.
- The label includes protective clothing requirements.
- These products may not be mixed, loaded, or used within 50 feet of all wells, including abandoned wells, drainage wells, and sink holes.
- For non-selective weed control on non-crop land, the maximum rate is 10 pounds per acre.

CCC Interest
Rate Lowered

Commodity loans disbursed in January by the U.S. Department of Agriculture's Commodity Credit Corporation (CCC) will carry a 7-1/8 percent interest rate, according to Keith Bjerke, executive vice president of the CCC.

The 7-1/8 percent interest rate is down from December's 7-3/8 percent and reflects the interest rate charged CCC by the U.S. Treasury in January.

Any outstanding 1981 loans and subsequent crop commodity loans and any outstanding facility loans approved and disbursed on or after April 1, 1981 and before January 1, 1991 will accrue interest at a rate of 7-1/8 percent per year during 1991. This interest rate is subject to adjustment each January 1.

Vegetable
Seed Storage

Both high temperature and high relative humidity will reduce seed germination and vigor. Do not store seeds in areas that have a combined temperature and humidity value greater than 100 (i.e., 55 F + 60 percent relative humidity). Ideal temperature/moisture conditions for most seeds are 32 F and 40 percent relative humidity. In addition, primed seed do store well after shipment to the buyer. Do not carry over-primed seed to the following year.

Corn, pea, and bean seed are especially susceptible to mechanical damage due to rough handling. Bags of these seed should not be dropped or thrown, since the seed coats and embryos can crack, resulting in a nonviable seed. If you plan to treat these seeds with a fungicide, inoculum, or other coating, use only gentle agitation to avoid seed damage.

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Check Out Other Types Of Fertilizer

Edward J. Woods
Washington Co.
Agricultural Agent

Since the cost of commercial fertilizer continues high, we should take a look at other sources of plant food, especially farm manure and legume sods in our crop rotation.

The 1991-1992 Argonomy Guide gives a very good comparison of these fertilizer values on page 25. With the amount of manure that is being applied to some of our livestock and poultry farms, it is quite possible that very little commercial fertilizer will be needed.

Alfalfa sod can add as much as 100 pounds of nitrogen per acre. This information is also found in the Agronomy Guide on page 23. This is one advantage to having legumes in the crop rotation.

A complete soil test will reveal the needs for each field. Then the needs can be met by using farm manures, legume sods, or commercial fertilizer. Careful handling and storage of manure will preserve many of these valuable fertilizer elements. The new Agronomy Guides are available from our office for $6.

Recognize Lime For Weed Control

You have never heard us recommend lime for weed control. However indirectly, lime is important to obtain good herbicide weed control. Both research and farm experience has indicated that herbicides are not as effective in sour soil. So, for best control with chemicals, the soil-test requirements must be satisfied.

Many poor weed control experiences have been reported on sour soils. A complete soil test will indicate the amount of lime needed. There are many other advantages to crop production in addition to better herbicide action.

Pesticide Training for Credit

We have been receiving many calls as to when the pesticide update training will be held. We have finalized plans for two meetings. An evening meeting will be held Tuesday, Feb. 26, 7:30 p.m. to 9:30 p.m. at McGuffey High School Auditorium. Four credits will be offered. Crops Fair will be held on Wednesday, Feb. 27, 9-3 p.m. at Century Plaza Inn, Washington, and will also include four credits.

Order Fruit Trees Early

Are you planning to purchase fruit trees this spring? Then you'd better get your order in soon. Nursery orders are usually filled in the sequence they're received. By ordering early, both backyard and commercial orchardists can get the pick of the trees and varieties available.

Always order from a reliable nursery and insist on disease-free stock. It is best to plant varieties that do well in your area.

Another tip is to buy 1-year-old non-branched fruit trees that are about four to seven feet high. These will transplant more easily, will become established more quickly, and will grow out much faster than smaller or older trees.

If you're intending to plant fruit trees around your home but are a little short of space, consider using dwarf rootstocks. These size-controlled trees can be planted close together, about six to eight feet apart. They'll also bear fruit earlier than standard trees, and can be sprayed and cared for more easily.

When you order nursery stock, always indicate when you want the trees to be shipped.

Montgomery Co. Extension Plans Banquet

CREAMERY (Montgomery Co.)— Dean Lamartine Hood, director of Pennsylvania Cooperative Extension and Dean of the College of Agriculture at Penn State University, will be the featured speaker at the Montgomery County Cooperative Extension annual meeting on Tuesday, February 26, 1991.

The dinner meeting will be held at the Montgomery County 4-H Center on Route 113 in Creamery. A buffet dinner will be served from 6:30 p.m. to 7:30 p.m. and a short program will follow.

Tickets for the dinner are $8 and are available from the extension office. Reservations may be made up to February 18 by calling (215) 489-4315.

Also being honored at the dinner will be 4-H livestock winners, 4-H cabinet members, and 4-H state ambassadors.

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Majority Of Table Eggs Not Fertile

HERBERT C. JORDAN
Associate Professor
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Fertile eggs are usually produced in flocks of several thousand breeders per house. These eggs are produced primarily for reproduction to replace young stock in the poultry industry.

Fertile eggs are also produced for flu vaccine manufacture or research on various microbes or other physical or chemical materials.

During seasons of low market demand for fertile eggs for laboratory or replacement use, the fertile eggs are sold for commercial table egg use or human consumption. This means, for example, in Pennsylvania several million of the more than two billion eggs consumed by humans annually are fertile.

The majority of eggs produced for table consumption are not fertile because females which are kept mostly in cages need no male to mate with to produce eggs. There are exceptions. Millions of eggs from the many backyard flocks of Pennsylvania which are sold or given away annually are frequently fertile because a male is present and active.

Fertile eggs are believed to be more nutritious by some people. This difference is difficult to measure. The fertile eggs are normally produced by a breeder mother on a breeder diet, whereas commercial eggs are produced by adult females on a layer diet. Normally fertile eggs are high quality because the embryo relies on the egg for food before hatching.

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Ford Builds Disc Harrows For Compact Tractors

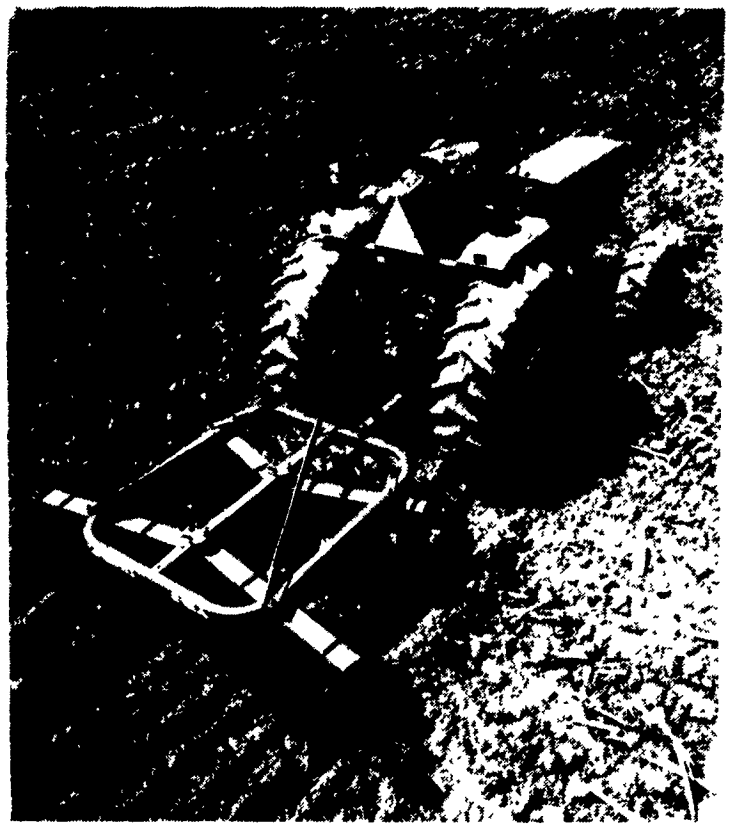
NEW HOLLAND (Lancaster Co.) — New disc harrows for gardeners, truck croppers, and anyone else who works small plots are now available from Ford New Holland.

Designed for use with compact diesel tractors, the new Category I 3-point hitch units are offered in cutting widths of 4 feet, 4 inches to 7 feet, 7 inches. All feature rugged steel frame construction and sealed anti-friction ball bearings.

The new discs are engineered for the job, just like large agricultural implements, said Dave Bohannon, Ford New Holland consumer products business unit manager. Matched to compact diesel tractors, they offer effective, economical tillage. Front gang discs are notched to cut and mulch plant residue. Plain rear gang discs mix and smooth soil for a finished seedbed.

The Model 205A disc has a rugged tubular steel frame and is available in 12-, 16-, or 20-disk options for 4-foot, 4-inch, 5-foot, 7-inch and 6-foot, 10-inch cutting widths. Discs are 16 inches in diameter spaced eight inches apart. Bohannon noted that the narrow working width and heavy-duty frame of the "205A" make it a good choice for weed control tillage between tree rows in nurseries and other tight-quarters work.

The model 212A disc is the heaviest of the "200" series and is useful for tractors of up to 53 horsepower. It is offered in 16-, 20-, and 24-disc versionns with 5-foot, 5-inch, 6-foot, 6-inch and 7-foot, 7-inch cutting widths. Discs are 18 inches in diameter.



Ford New Holland Models 205A and 212A disc harrows for compact diesel tractors feature tubular steel frames, sealed antifriction ball bearings, and adjustable gang angle. Notched front blades provide aggressive cutting action while smooth rear edges mix and smooth the soil.

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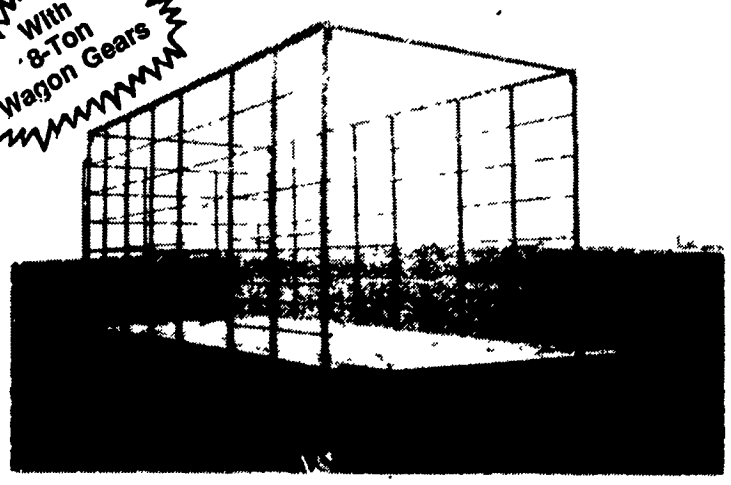

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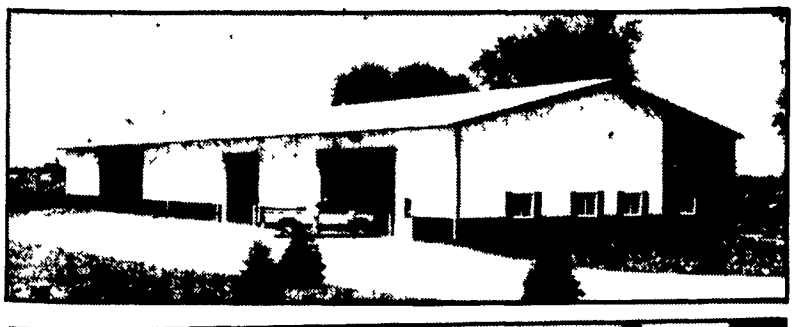

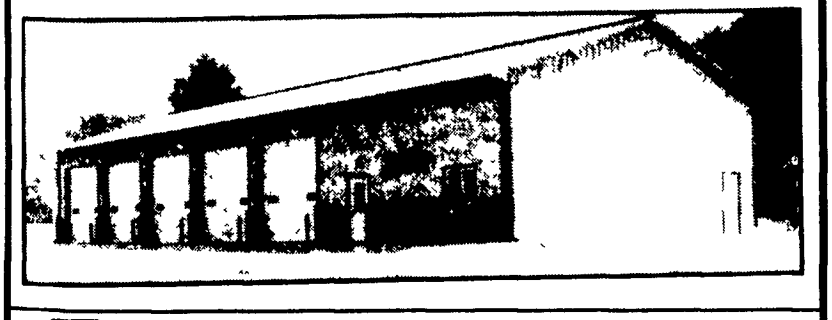

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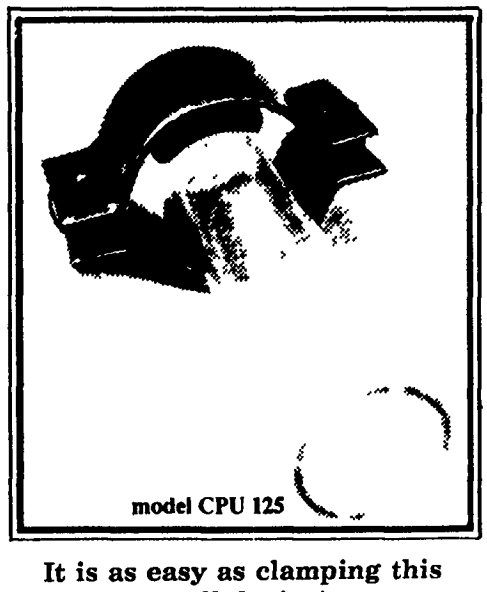

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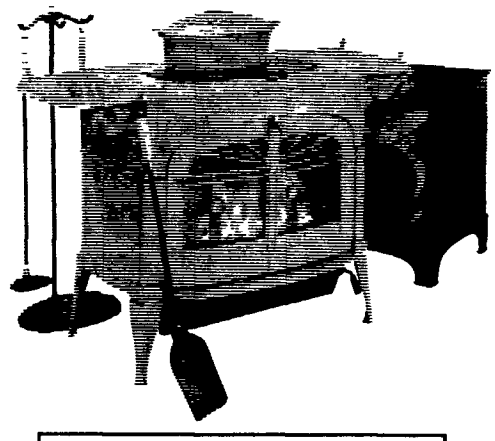

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Trade Rep Accepts Petition Against Pork Ban

DES MOINES, Iowa. — The U.S. Trade Representative's Office (USTR) recently accepted the pork industry's petition calling for action against the European Community's (EC) ban on U.S. pork.

The National Pork Producers Council (NPPC) and American Meat Institute (AMI) filed the petition on November 28 that called for USTR to use its authority under Section 301 of the 1974 Trade Act to retaliate on the EC ban.

"Pork producers are encouraged that U.S. Trade Representative Carla Hills has approved our request for a formal investigation of the EC's inspection requirements for our meat," said NPPC President Mike Wehler. "We appreciate her action that will help hold the EC accountable for hiding behind a non-tariff trade barrier to keep from competing with U.S. meat."

The EC stopped all U.S. pork imports on November 1 after claiming that no U.S. meat processing or packing plants meet EC sanitation requirements. The EC ban also prohibits shipments of U.S. beef.

Government officials, NPPC, and other segments of the U.S. meat industry say the EC action is a cover for an artificial trade barrier and that food safety is not an issue. More than two-thirds of the meat consumed in the EC is not subject to the artificial barriers imposed on imports of U.S. meat.

Use of Section 301 of the 1974 Trade Act would allow the United States to respond to the EC ban by placing restrictions on EC product entering the United States. The NPPC request for use of Section 301 was backed by letters to USTR from 41 U.S. Senators and 30 members of the House of Representatives.

Because the USTR and EC are now in the midst of ongoing consultations on the dispute, Ambassador Hills has said she is prepared to delay the dispute settlement for up to an additional 90 days (beyond the 150 days prescribed in the normal 301 process.) If these consultations do not resolve the issue, Hills will refer it to GATT dispute settlement proceedings. If a timely GATT decision is not reached, the United States can determine what retaliatory action to take.

"Pork producers want to put an end to this unfair trade barrier as quickly and efficiently as possible," Wehler said. "We desire that USTR use ongoing consultations to press the EC for results prior to retaliation. Pork producers' ultimate goal is to open the EC's door to our product — not to close ours."

The EC has a history of creating barriers to block imports of U.S. meat. As a result, U.S. pork exports have steadily declined in the last five years. For example, the EC received 20 percent of U.S. non-variety pork (meat from the muscle of the animal) exports in 1985. They have received less than 1 percent of such U.S. pork exports this year, and will receive none until the EC ban is lifted.

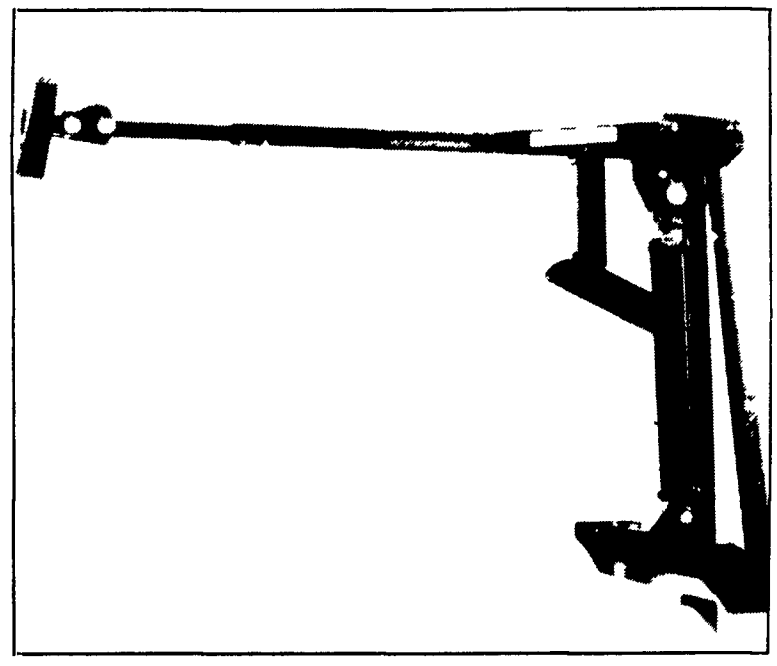
Wayne County Pesticide Exam Set

HONESDALE (Wayne Co.) — Pesticide certification examinations will be given at the Penn State Cooperative Extension Wayne County Office, Courthouse, Honesdale, Thursday, Jan. 31, between 8:30 and 10 a.m.

The exam is open to anyone wishing to become certified as private, commercial, or public applicators. Private applicators are those who are farming and applying pesticides to their own crops. Commercial applicators are those who are applying pesticides to property of other people for a fee. Public applicators are those who are applying pesticides for research purposes.

The examination is a pass-fail, open book proctored test. Examination fees are non-refundable. The following examination fees, with payment made in advance, shall be charged: Private exams are free. Commercial and Public Applicator's core examination is fifty dollars ($50.00) plus ten dollars ($10.00) for each category examination.

For registration or additional information call the Penn State Cooperative Extension Wayne County Office at 253-5970, ext. 239 or the Department of Agriculture in Tunkhannock at 836-2181.



Ausherman GP announces the new flat fold marker for 3-point grain drills.

Standard features include a 2-1/2 inch bore/20-inch stroke cylinder which eliminates the need for troublesome cable linkage.

New Flat Fold Marker For 3-Pt. Grain Drills

ASSARIA, Kan. — Ausherman GP, a division of Great Plains Manufacturing, announces the new flat fold marker for 3-point grain drills.

The new marker's simple, rugged design is field-proven and comes complete with hydraulic cylinder and hoses.

Standard features include a 2-1/2 inch bore/20-inch stroke cylinder which eliminates the need for troublesome cable linkage and shortens the cycle time of the marker. Installation is simple. The new marker will be available to fit the John Deere 515, 520, and 750; Case IH 5400 - 15 & 20 ft.; and Tye Series 5 - 15 & 20 ft. grain drills.

For information, contact John Martin Ausherman GP, PO Box 218, Assaria, KS 67416, (913) 667-4755.

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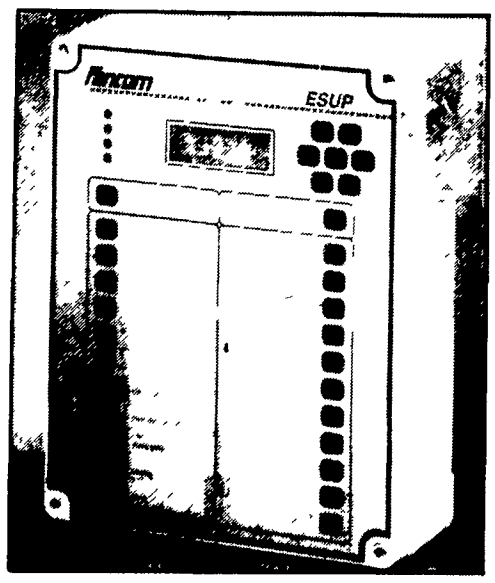

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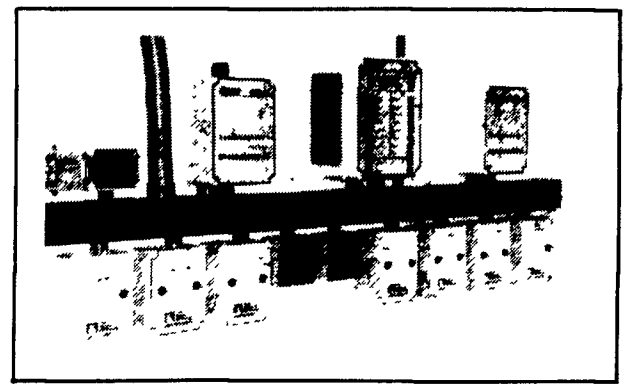

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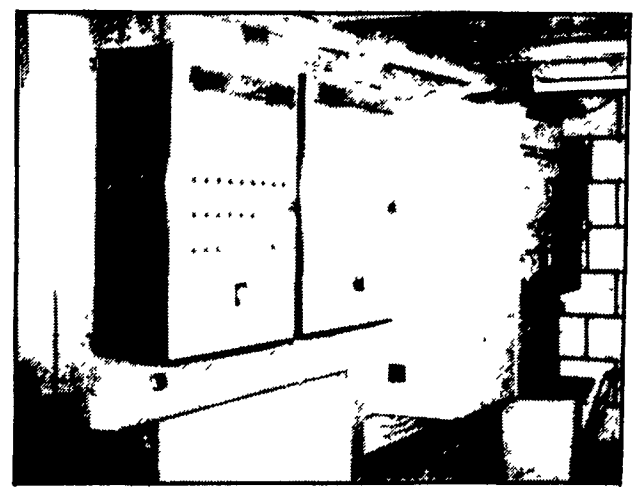

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Woodland Owners Can Look At Alternative Income Strategies

WARREN (Warren Co.) — Alternative income strategies is the featured topic of a program being organized for private woodland owners by Forest County, Penn State Cooperative Extension.

According to Sanford Smith, extension agent, "Private woodland ownership is a common denominator among over one half million Pennsylvanians. Woodland owners site many reasons for owning their property, including wood, water, wildlife, and recreation. Yet, there are expenses involved with woodland ownership, and income from timber sales is not always an option for some individuals."

The program will provide participants a chance to consider some alternatives and constraints for generating income from private woodland property.

"The whole topic of alternative income generation from woodlands is somewhat new and can even be controversial to many landowners," said Smith.

The program will focus on leasing land for recreation, wildlife species that have management and income potential, outdoor guide businesses, and the current trends in forest recreational use.

The speakers will include Dr. Bill Hayes, a recreational guide from Kersey, Pa.; Dr. Margaret Brittingham, extension wildlife biologist from Penn State; Tom Eubanks, wildlife biologist and land leasing coordinator for International Paper Company; and Ted Beauvais, district ranger with the U.S. Forestry Service.

For further information and a program registration form, contact Smith at the Warren County Cooperative Extension Office (814) 723-6003, or William Wallace at the Forest County Cooperative Extension, (814) 755-3544.

Venison Is Safe From Lyme Disease

HONESDALE (Wayne Co.) — Recently at the Wayne County Extension office we've had a few calls questioning whether it is safe to eat venison. Apparently there are many unfounded fears about eating venison.

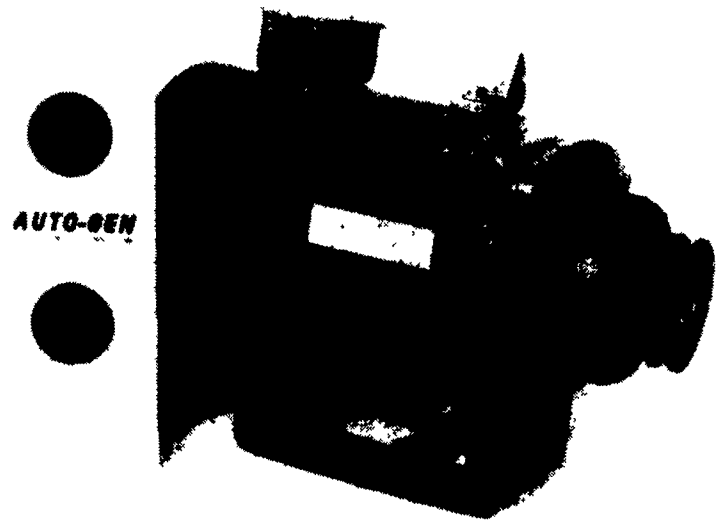
According to William Henning, Penn State Animal Science professor, there is no evidence that the Lyme disease bacteria is in deer meat. A bite by a deer tick is the only known way you can get Lyme disease.

Pennsylvania Department of Health source report that there is essentially no danger of Lyme bacteria being present in venison. Norman cooking or processing procedures would kill such a bacteria, even if it were present.

The Lyme bacteria does not form cypts in the meat or spores - two common ways bacteria can infect foods. Cooking to medium done (160 degrees F) or processing by drying or salting will easily kill both this and other bacteria. These are recommended precautions for preparing any type of meat not just venison.

Take care to prepare your venison properly, then eat and enjoy.

The fear that you can get Lyme disease from eating venison probably stems from the precautions hunters have been urged to take when cleaning their deer.



Osborne Industries' 24-inch Super-Jet circulation fan moves up to 6,000 cfm with up to 85 feet of "throw."

Osborne Introduces 24-Inch Super-Jet Fan

OSBORNE, Kan. — Osborne Industries has developed a new 24-inch Super-Jet circulation fan for its line of Agri-Aide ventilation equipment.

Moving up to 6,000 cfm with up to 85 feet of "throw," this fan is useful for volume air movement in large, cathedral-ceiling poultry houses, swine finishing barns, and large dairy loafing sheds.

The Agri-Aide, Super-Jet fan offers a high-speed ceiling jet stream creating turbulent air flow that "pulls" air from below for efficient air circulation. The fan can be slowed for wintertime circulation or directed for maximum summertime cooling. Super-Jet circulation reduces the rate of air exchange needed in summer and improves wintertime heat distribution.

Osborne also offers Super-Jet circulation fans in 16-inch and 20-inch sizes. Each Super-Jet fan features an Osborne RTM-glass fiberglass orifice housing which is guaranteed not to warp or sag in extreme temperatures.

For more information, contact an Osborne dealer or the customer service department, Osborne Industries, Inc., P.O. Box 388, Osborne, KS. 67473, (800) 255-0316.

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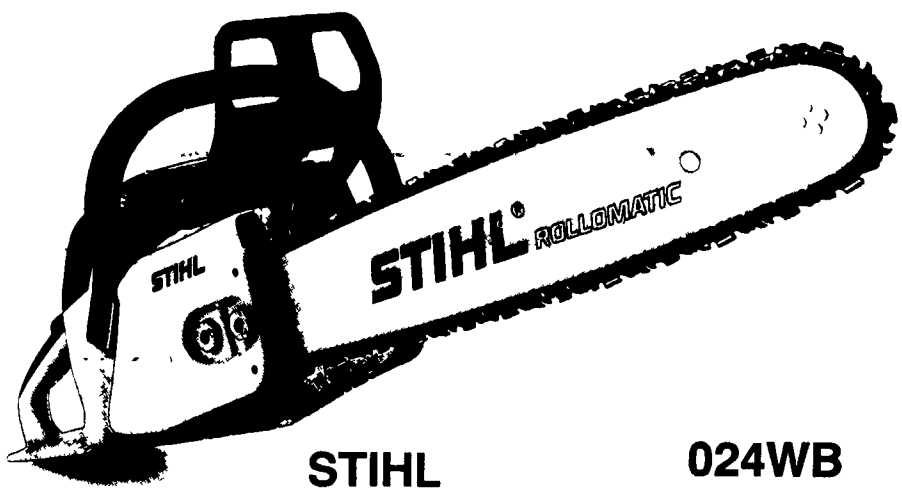

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Blair Co. DHIA

dhia Monthly Report

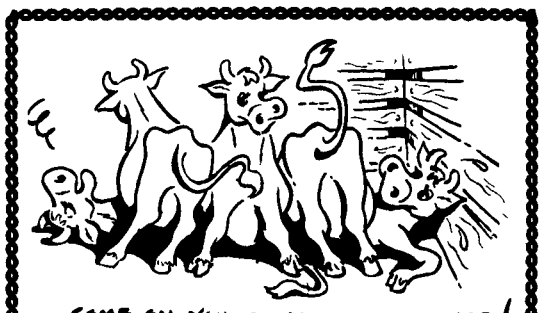
Pennsylvania Dairy Herd Improvement Association

November 1990
Rolling Herd Averages

Herd Owner	No. Cows	% Cow Days Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Clover Will Farms	132.2	89.5	23,144	861	723
Dennis A. Smith	78.6	84.2	22,947	865	714
Mike + Carol Hoover	100.2	89.1	22,080	796	712
Thomas W. Kelly	81.4	87.7	22,703	814	702
PA Fair Valley Farm	78.8	88.5	21,049	805	697
Over Land Farms	100.1	89.2	21,533	821	687
Hilecrest Farm	239.9	89.2	20,831	808	673
Robert Kensinger	61.3	90.7	21,210	744	672
William-Susan Baker	102.8	88.1	21,192	814	668
Emile Dilling	121.5	88.1	21,347	821	667
David Nancy Bishop	53.8	86.3	21,153	815	660
Martin Stayduhar	52.3	88.2	21,332	764	657
Smith Hollow Farms	121.0	86.9	21,052	783	657
Fred + Gary Bechtel	92.4	89.4	20,525	773	656
Marcove Farm	75.5	87.7	20,655	793	654
Gor Da Farm	82.4	90.0	20,122	730	652

Lactation Record

Over Lane Farms					
376	GH	4/1	30,008	965	1095
Smith Hollow Farms					
435	GH	4/8	26,838	774	856
456	GH	4/2	25,400		931
505	GH	3/4	24,076	753	859
529	GH	2/10	21,437		947
Clover Will Farms					
93E	RH	6/6	27,872	793	856
86F	RH	5/3	23,828		958
95F	RH	5/2	26,331	818	1129
88F	GH	5/2	21,546		908
Marcove Farm					
Idelo	RH	3/3	23,756	785	968
Emile Dilling					
487	RH	4/3	24,826		947
Gerald Burket					
493	GH	6/6	24,308		1131
Fred + Gary Bechtel					
Cher	RH	8/8	25,805	755	960
Bee	GH	7/8	24,978		871
Melinda	GH	3/2	22,484		942
William-Susan Baker					
213	GH	7/2	22,013		864
722	GH	2/11	22,609		891
Richard R Fox & Sons					
Gail	RH	6/10	24,815	763	1004
Gerald Smith					
232Y	GH	2/6	25,699		857
Jay Metzker					
Wonder	RH	5/2	24,075		871
Bradley + James Baker					
633	GH	4/9	26,097	773	878
Pleasant View Farms 1					
321	GH	8/7	21,645		864
Lar Ann Farm					
Audrey	RH	6/1-	22,660		888
Kenneth + Debra Bush					
108	GH	5/3	25,441	844	895
Thomas W. Kelly					
Bobbie	RH	4/4	32,043	911	1084
Babette	RH	3/3	26,363	794	962
No-El Farm					
Reddy	GH	6/2	25,595		868
Lucky	GH	5/5	25,885		993
Ann-168	GH	4/11	27,739	815	896
Cross Country Farms					
61	GH	8/6	21,778		865
Mike + Carol Hoover					
44	GH	3/8	23,839		868
Sparkling Springs Farm					
249	GH	8/4	28,601	838	984
601	GH	4/3	23,461		897
683	GH	3/6	25,061		859
658	GH	3/0	25,363	789	1032
782	GH	2/5	26,517	826	860
Penn-England					
Maxine	RH	6/8	24,320		964
Bernice	RH	4/9	20,965		870
418	RH	4/1	25,800	788	861
PA Fair Valley Farm					
251	GH	5/0	27,892	836	865
290	GH	3/0	23,472		884
284	GH	3/6	23,583	803	1025
311	RH	2/2	20,194		856
Robert Kensinger					
85	GH	9/7	29,285	841	1131
Y71	GH	4/10	26,431		870
2976	RH	3/5	26,910	821	991
Ridelity Holsteins					
Opal	RH	4/5	24,582	784	855
Jayray Farms J.S. Ferry					
AA 60	GH	6/5	20,934		888
David Nancy Bishop					
13	GH	8/5	22,570		902
87	GH	4/3	25,493	839	920
91	GH	4/0	28,186	827	969
88	GH	4/3	26,227	800	1033
Frederick Farms					
50	GH	6/1	23,551		853
Robert W. Pheasant					
Bob	RH	3/11	21,027		863
Oatmeal	RH	5/6	21,769		939
Hilecrest Farm					
50	RH	5/1	23,049	755	1112
233	RH	5/1	25,430	816	929
281	RH	5/11	22,914		932
294	RH	4/2	26,609	875	1019
86	GH	3/9	21,188		958
135	RH	3/4	23,666		973
270	RH	2/9	18,891		861
Martin Stayduhar					
7	GH	8/7	25,159	775	924
Molly	GH	3/6	27,617	823	897
Steven J. Clapper					
26	GH	4/2	25,579	822	882
Richard Heltzel					
Marryann	RH	2/9	23,503		856
D+S Farm					
Klammer	RH	4/1	19,966		875



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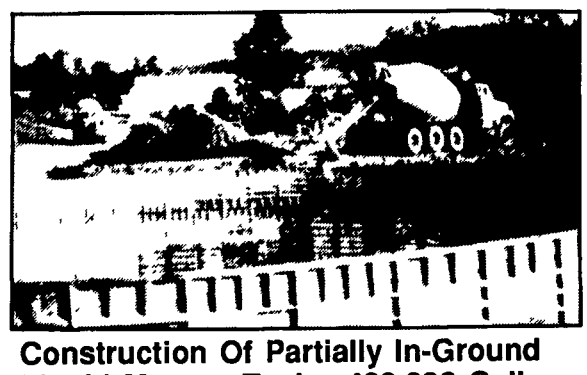

Construction Of Partially In-Ground Liquid Manure Tank - 400,000 Gallons

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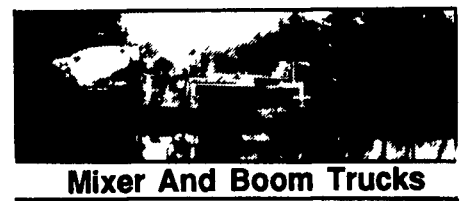

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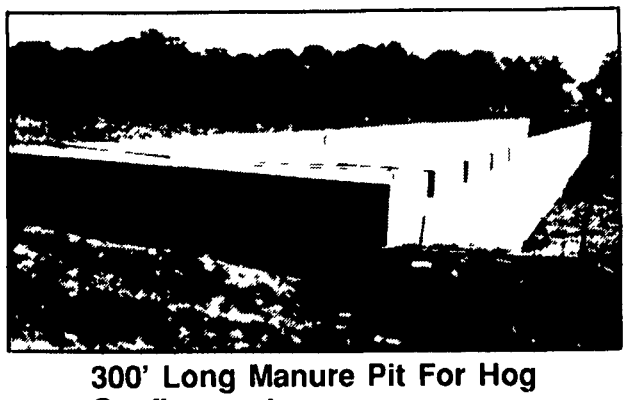
92' Boom Placing Concrete

Placing Concrete On Site



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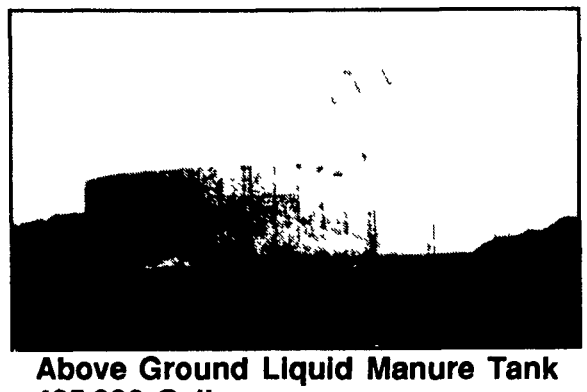

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Case Introduces Compact Tractors

RACINE, Wis. — Compact tractor owners have come to expect big tractor technology in smaller packages. In introducing its new Case International 1100 Series line, J I Case surpasses that expectation with more standard features and new options. The three 1100 Series models are ideal for a variety of jobs on farms, estates, parks and golf courses.

"The 1100 Series tractors offer rugged dependability combined with state-of-the-art components and systems that customers have told us they want," said Bruce Rabe, brand manager for Case International compact tractors. The series includes the 19-hp 1120, 23-hp 1130 and 27-hp 1140.

Standard equipment on all three models includes hydrostatic power steering, a tilt steering wheel and foldable roll-over protective structure (ROPS) in an exclusive Case International design. The three-cylinder diesel engines are fully enclosed with mufflers located under the hood and underslung exhausts for better visibility.

A tilt-up hood, removable engine side panels and pull-out radiator screen allow easy servicing. A glow-plug starting aid speeds start-ups on cold mornings. "Engines on the 1130 and 1140 feature direct fuel injection," Rabe said.

Every 1100 Series model is equipped with rear and mid-tractor power take-off (PTO) shafts. The rear PTO rotates at 540 rpm and the mid PTO at 2,000 rpm.

"Case is providing the M160 mid-mounted, shaft-driven mower with a minimum of 5 inches of ground clearance for the 1100 series tractors," Rabe said. Rear-mounted mowers are also available. A choice of mower sizes and arrangements are offered because what fits some conditions may not be right for others.

"Live" PTO on the 1130 and 1140 operates independently of the transmission. On the 1120, the PTO shafts are transmission-driven with "live" PTO as an option.

The new L106 and L108 front-end loader models also are available to further enhance 1100 Series versatility.

Steps and handles on both sides of each model make it easy to climb onto the rubber-isomounted operator platform. "The high-back, fully adjustable seat is the same as that on non-cabbed versions of our 77 to 94 PTO hp MAXXUM™ tractors," Rabe says.

Each 1100 Series operator station also features a seat belt with retaining clips, hand-and-foot throttle; and indicator lights for the alternator and engine oil pressure. Gauges are used for fuel level, coolant temperature, hour meter and tachometer.

"Live" PTO on the 23-hp 1130 operates independently of the transmission. The gear transmission is fully synchronized. A speed set lever is available as part of the hydrostatic transmission option.

Other standard equipment include sealed front headlights, straight two-wheel drive front axle, flange rear axle, differential lock, Category I three-point hitch and 12-volt battey.

A choice of hydrostatic or gear transmissions is available for all 1100 Series models. The gear transmission is partially synchronized on the 1120 with a first-gear/reverse shuttle for close work. On the 1130 and 1140, gear transmissions are fully synchronized. A speed set lever is available as part of the hydrostatic transmission option.

Another important option is mechanical front drive for added traction and power when needed. Each 1100 Series model can be fitted with agricultural or turf tires as well.

Other options include: auxiliary hydraulic valve; a ROPS sun shade; rear wheel and front end weights; rear work light; seven-pin electrical connector; horn; and engine coolant heater.

"The 1100 Series tractors represent a welcome addition to our compact tractor line, which will continue to include the 265 offset and 275 tractors to round out the compact line," Rabe said.

Tractors Mfg.'s 1 Year Warranty

Belarus

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MODEL	HP	CASH
250	31	$5,395
T25 Backhoe Loader	31	$16,922
400 AN	57	$9,848
T42 4WD Backhoe Loader	57	$22,975
420 AN 4WD	57	$11,495
505	70	$10,995
525A 4WD	70	$12,825
562 4WD w/Cab	70	$13,479
572 4WD w/Cab	70	$13,975
820 4WD	85	$14,895
822 4WD w/Cab	85	$16,222
922 4WD w/Cab	100	$23,142
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Toy Tractor 1/43 Scale		$15.95

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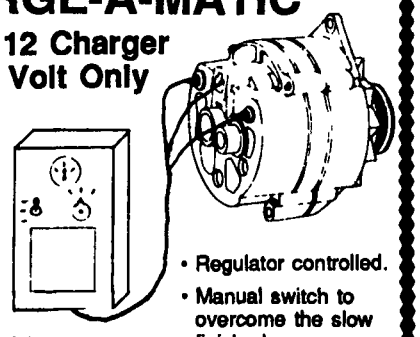

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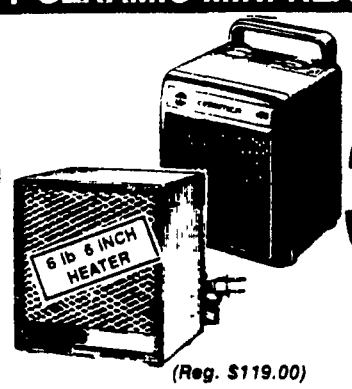

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DELIVERY AVAILABLE

Huntingdon Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

December 1990
Rolling Herd Averages

Herd Owner	Brd.	No. Cows	Cow Days in Milk	Milk Lbs.	Protein Lbs.
Tannery Road Farm	B3	85.7	88.6	23,764	738
Jim & Kim Grove	3	27.3	93.6	20,919	686
Joseph M McMath	3	49.5	83.7	18,901	648
Gerald McMath	B3	70.5	88.2	19,340	647
Daland Farms	3	124.7	86.4	19,436	643
E James McMath	3	124.3	91.1	19,537	641
Harry & Robin Barnett	G3	50.0	87.8	20,168	635
Timothy R Peachey	3	92.0	89.6	19,593	630
Dean E Varner	B3	26.3	86.0	19,240	618
Sangrey Farms	B3	102.8	90.1	19,100	625
Locust Lane Farm	B3	131.4	86.0	19,240	618
Lakevue Farms	B3	119.9	86.1	19,530	616
Samuel K Byler	B3	60.1	89.7	19,461	616
John W Lynn	B3	58.7	85.5	19,369	610
Geary E Shade	3	91.0	90.5	18,976	608
Raymond Tussey	B3	42.7	86.9	18,973	606
Ed+Nancy Quigley	B3	99.0	86 6	18,375	605
Philip A Yohn	G3	54.2	86.8	18,425	604
Gibboney Farms	3	63.1	88.3	19,081	603
Randy Kyle	B3	52.5	87 9	18,038	600
Carl C+Carol Barnett	B3	75.9	83.6	19,045	597
Branstetter Farms	B3	88.2	83.7	18,979	595
Earl Lake	G3	120.4	86.1	19,748	590
Tom & Gloria Coffman	B3	91.0	88.2	18,386	586
Durbin Farms	B3	120.4	91.7	17,885	583
James Boone	3	44.7	86.4	19,139	577
Willard Yoder Jr	3	130.2	85.6	18,027	577
Seven Stars Farm	B3	92.2	89.0	18,283	576
Terry & Cathy Eutzy	B3	31.3	84.9	18,493	575
B & D Acres	B8	147.8	87.5	17,909	570
Colonial Farm Estate	B3	43.5	85.8	18,153	568
John + Darlene Lake	B3	50.2	89.3	18,199	566
Gensimore Farms Inc	B3	97.6	89.9	17,786	562
Roland G Yoder	3	105.5	87.7	17,215	560
Tannery Road Farms					
217	3	7-4	304	34,471	965
Timothy R Peachey					
Greta	3	11-0	305	26,368	920
Randy Kyle					
Nopy	3	6-9	305	27,549	882
Gerald E McMath					
Dixon	3	6-2	305	26,177	852
E James McMath					
Cinder	3	9-0	291	25,961	823
Gibboney Farms					
Midget	3	5-2	305	25,109	822
Carl C & Carol Barnett					
Frisky	3	4-0	305	30,576	814
Harry & Robin Barnett					
221	3	4-0	305	24,846	801
Ed & Nancy Quigley					
50Dorth	3	9-6	305	24,192	786
Locust Lane Farm					
0213	3	3-5	305	24,961	777
Lakevue Farms					
Myrtle	3	5-10	305	24,259	776
Daland Farms					
Chris	3	8-8	305	21,688	774
Durbin Farms					
Florence	3	3-4	305	23,551	765

MCKEAN COUNTY DHIA
November 1990
Rolling Herd Average

Herd Owner	No. Cows	% Days	Milk Lbs.	Fat Lbs.	Protein Lbs.
John+Lester Lapp	66	88.5	23,088	807	718
Alan Kinney	29	87.5	20,753	779	662
Thomas Spees	50	90.8	19,812	680	632
Ken+Doug Comstock	36	83.8	19,846	715	629
Mantz Farms	25	85.4	19,077	728	623
Cheryl+Matt Windsor	34	87.0	19,220	709	621
Mantz Farms	15	86.5	18,340	729	603
Charles Irons	81	87.7	18,243	708	593
Neal D Gordon	37	82.7	18,029	642	569
Peter Causer	43	88.3	17,417	647	560

Lactation Report

John+Lester Lapp Kay	5-7	305	29,288	1037
Alan Kinney Bobby	4-3	300	23,357	854
Thomas Spees Denise	6-7	305	22,272	857
James-Eleanor Tanner Fig	6-6	305	23,701	869

SUSQUEHANNA CO. DHIA
November 1990
Lactation Report

Barn Name	Breed	Age When Fresh	Days Milked	Lbs. Milk	Lbs. Fat
Coleman Crest					
Gladena	RH	5-00	305	23,371	917
Sandahl	RH	2-11	305	21,272	874
Kenneth Teel					
Cris	RH	6-04	305	21,844	854
Walter E Brooks					
Carcie	RH	5-09	305	18,974	915
Grace	RH	4-08	305	23,545	950
#Sugar	RH	3-09	305	24,808	925
Colleen	RH	3-04	305	19,750	889
#Conie	RH	3-08	305	23,023	854
William Jones & Sons					
Beauty	RH	3-01	270	17,964	997
Francis Hibbard & Sons					
766	RH	6-06	305	20,076	990
131	RH	4-05	305	23,350	911
Daryl Button					
38	GH	6-00	305	24,466	1011
Jopseph Pavelski					
7	RH	8-11	305	28,579	912
Pease Farms					
Leslie	GH	8-01	305	24,983	942
Charles Stone					
Buddy	GH	4-02	305	25,499	866
Clough Bros					
Apple	RH	5-02	305	23,779	913
Joseph Karp Jr.					
2	GH	6-02	305	22,357	874
Richard Klim					
83	GH	8-03	305	23,947	931
229	GH	5-08	280	20,334	927
Leroy & Scott Aldrich					
24	RH	4-05	305	21,724	856
Robert Johnson					
114	RH	6-05	305	25,065	949
Robt-Barbara Frechen					
Billie	RH	4-03	305	22,272	967
James W Robertson					
64E	RH	5-11	305	23,265	858
Country Heaven Farms					
Rosebud	RH	3-01	305	27,220	955
Panda	GH	3-02	305	26,232	884
John Castrogiovanni					
Dallas	RH	4-03	305	26,051	1069
Thomas Traver					
Pebbles	RH	5-01	305	28,202	941
Mandy	RH	2-10	305	24,463	926

WARREN CO. DHIA
November 1990
Rolling Herd Averages

Name	Breed	No Cows	% Days In Milk	Milk Lbs.	Fat Lbs.	Protein Lbs.
Maple Place Farm	3	49.5	88.2	21,868	753	681
Richard Harrington	B3	24.2	95.4	21,048	762	669
Floyd Beardsley	3	41.4	90.8	20,866	774	662
Barry Van Ord	B3	36.3	86.1	20,356	710	647
Gla Don Farms	3	46.9	87.3	20,439	722	644
Twin States Farm Inc.	B3	199.0	86.8	19,512	740	631
Doug+Diane Hastings	B8	33.7	87.1	19,310	718	630
Raymond Lawson	G3	122.6	85.9	20,486	685	617
Gary Stoddard	B3	45.2	86.3	19,512	704	611
Edge Grove Farm	3	24.7	86.0	19,653	718	599
Willard Hitchcock Fm.	B3	54.1	85.4	18,891	646	599
Jeff Lindell	B3	76.4	86.2	19,237	663	592
Bruce & Suzie Lindell	G3	85.1	86.6	18,837	702	584
Pine Ton Farms	B3	116.5	90.0	17,805	678	581
Hem View Holsteins	B3	47.3	87.5	17,246	649	566

MAILBOX MARKET
FOR SALE

Purebred registered Shropshire ewe lambs $100 each and fall and spring ram lambs $125 each Berks Co. 215-944-9910.

400,000 BTU Gas heater LP or Nat. 2 30" Acme fan jets Gloucester Co. NJ 609-629-2584.

Good 4-53 Detroit $1700 1959 White dump, good 220, bad 10-spd. $1200 Good 292 Chev. 14' stake body, Cumb Co 717-486-7499

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	TPI	Pro $	Type	Rel. F
Jan 91	1004	297	1.70	81%
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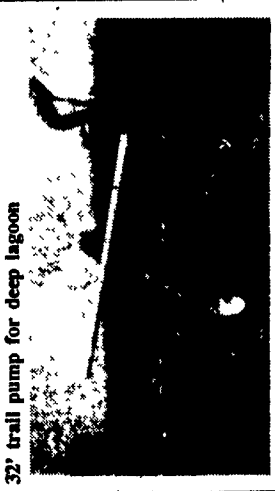

Our pumps are available with different gear box ratios to suit any tractor from 60 to 120 HP
• 3-point hitch model for shallow lagoon also available

MAILBOX MARKET FOR SALE

Thoroughbred broodmare 16.0 h, from stakes winning/producing family. Sells with 1991 breeding to grey thoroughbred stud. Hunterdon Co 201-782-6162.

Wheat straw, John Deere hay tedder two bottom plow, boom for Ford front end loader, feed bin. Berks Co. 215-488-1402.

Horse stables, pasture, trails, brook. 10 minutes fair hill, beautiful quiet country lots, highest groomed farmer. Financing. Chester Co. 215-932-2453

Border collie, 2 yr. neutered male, started on sheep, cattle, strong. Australian Shepherd brood bitch, 2 yr, red merle, working lines. 814-356-3366

JD 215 chuck wagon with roof and JD running gear $1600. Med. size insulated dog house $40. Lanc. Co. 717-859-3027.

Welsh ponies, three gray mares registered section A 6 yrs 5 yrs. 7 mos. Good breeding. York Co. 717-862-3467 after 6 p.m.

Black Lab. puppies, female AKC reg, 8 weeks old, beautiful. $200 ea. Lanc. Co. 717-665-2442.

8 ft. 6"x6" oak posts $7 each. Ford backhoe bucket $100. Atlantic Co. NJ 609-965-6770.

Magic Chef gas range & oven & broiler, 30" wide, uses natural or LP gases, 4 burner top, with clock & timer, almond color, 4½ yrs old, perfect Cond. $200 Delco 215-358-5839.

Surveyors transit complete with pole and plumb bob. No case. $200 Also fishing plugs. Eves Pike Co. 717-588-6350

JD 1010 rebuilt eng. 6 way blade, good bottom, good cond $4800. Wyoming 1-2 ton asphalt roller $700. 717-945-7759.

Steel for roofing and siding, beautiful, painted, galvanized and priced right Good railroad ties call for good price. Lycoming Co 717-584-2928.

8 pass. Surrey, brakes, lights $2500 Arabian gelding rides, drives, jumps $1800. Bay mare stdbred, nice, first horse $1800. Cape May. 609-884-4466.

Grove forage wagon, new belt $735 or trade for gravity wagon. Robesonia area. Berks Co. 215-693-5375.

MGS four place enclosed snowmobile trailer with elec. brakes front and rear, loading, sell for $1895. Lehigh Co. 215-767-6864 or 767-9788.

1977 Mack U685 tandem tractor 300 5 spd. wetline optional $6000 1974 Chevy C-30 9' utility 350 4 speed. whole/parts Berks Co. 215-589-5680

Over 100 antique pocket watches with walnut wall case, antique watch bench with lathe. Monroe Co 717-421-8980 M-F 7-5.

510 gal Dari-Kool bulk tank, very good cond. $1100 John Beiler, 171 Newport Rd, Leola, Pa 17540 Lanc Co.

Chestnut stdbred gelding, 16hh, 10 years, blaze & 4 white socks, rides & drives, traffic safe & sound $1000 Lanc Co. 717-291-9786

16' Smucker manure elevator. Amos S. Glick, RD 3, Lititz, Box 313, Lanc. Co., Pa. 17543.

471 Detroit diesel engine $1500 or best offer Lehigh Co. 215-298-2566.

Pretty welsh mare, 12.2 hands, chestnut, 12 years old, proven brood mare, rides and line drives $450 Lanc Co. 215-286-9923.

2,000 Chukars presently priced at $4.70 Quality flight and weather conditioned, Lanc. Co. 717-786-2595.

IH 56 4 row planter dbl disk opener, dry fert, good cond $975. Lanc. Co. 717-354-8263.

11 HP Dynavent bedding chopper, good cond, 4 can milk cooler. Snyder Co. 717-837-0295

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Pygmy goats registered beauties, kids and young adults, bucks, does, wethers, show and pet quality, buck service too. Chester Co. 215-970-0292.

366 V8 Chevy truck engine $750. HD6 front idlers $100 ea 3-71 Det. engine $750, Cat 13000 Engine HD5 tracks 301-378-2785 Cecil Co., Md.

Two story summer house to be dismantled, best offer. Wanted to buy 1 to 3 unit dog kennel. Lebanon Co. 717-865-3779

Ear corn $80 per ton. Montgomery Co Md. 301-831-7056/924-4946

10,000 feet of 4 & 5 in irrigation pipe, most with sprinklers, 2 motor driven pumps, Berks Co 215-562-7667

19' O'Day Mariner sailboat, good sails w/trailer BO. 301-836-3764.

1971 International Travalall 4x4, 345 engine, best offer Adams Co 717-624-8931

John Deere Loader backhoe with enclosed cab, ex cond $7800 Balto Co Md 301-655-7094.

For sale or trade, steel wheels off JD 2755, Will fit 2630, 2640, 2750, etc center included, need rubber, Lanc. Co. 717-367-2116.

Reg. Hampshire & southdown sheep, also club lambs. York Co 717-757-6062

JC Penney 4.5 cubic foot compact upright freezer 33½" High, 21½" wide, 23¼" deep, 45.00. 12 indoor shutters for windows $20 Farmall Cub chains $35. 215-459-9451

3 styled John Deere G's 1 with single front wheel, $2000 1 with 3 pt $1600 1 with power block $1300 AFter 7 p.m 717-597-4296

Hay wagons, choice of 2, JD running gear $425, older running gear $275, 7x14s, exc cond Bucks Co 215-346-8576 eves

1984 Ford F350 ladder tk 31'x8 auto, PS, PB, 50,000 miles. $5500 717-865-5588

IH #56 four row cornplanter, no fertilizer gandy insecticide applicator, good cond. Lanc Co 717-687-0951

Purebred dorset ram and purebred southdown ram for sale $100 each. Chester Co 215-932-0322.

High mositure ear corn attach for NH Harvestors 890, 782, 770 w/screens, like new. also 770 1R snapperhead $600 takes all Lanc. Co 215-445-6720.

Esco 650 gal tank, Copeland cooling unit, Surge tank washer, 32 cow 1½" glass pipeline, Surge Alamo milker pump, Schuylkill Co 717-345-4902

Early WWII Ford build Army Jeep, orginal front and rear seats, good running cond, current inspection $1500 OBO 215-369-1394

Five drawer metal tool box, old hay fork, hay carrier, storage shelves, shelf boxes, pair P205/75R14 tires, Lanc Co 717-656-6644

17 piece 5 ply stainless steel cookware with steam control valve, never used Effective lifetime warranty $325. Union Co 717-922-1502

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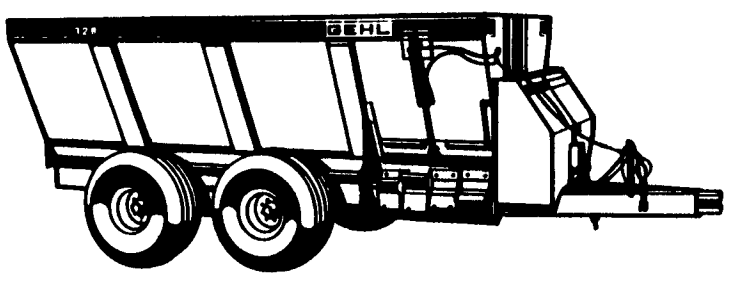

The one spreader for the two spreader farm

Spead liquids, semi-solids, solids, pen-packed, even frozen manure. A Gehl Scavenger® II manure spreader does the work of two spreaders for the price of one. It's built for efficiency, with a heavy-duty square-tube auger that works harder than conventional round augers. The auger powers up and down hydraulically to prevent bridging and cut through winter freeze-ups. Variflo front, right-hand discharge gives you complete application control.

Unbeatable . . . priced right

If you handle mostly solid manure, a Gehl box spreader has the performance features you want at a price you'll appreciate. Features include special Gehl-Tuff flooring that prevents the apron from freezing to the floor and lets manure slide out with little resistance; 12-gauge, corrosion-resistant GEHL STEEL sides for strength and endurance; wide-spread beater paddles for wide, even spreads; constant velocity pto; and a standard two-speed worm drive transmission. Add a 10-year warranty on the floor and sides and you have an unbeatable package available only from your Gehl dealer.

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BINKLEY & HURST BROS.
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717-867-5161

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717-263-8424

Seedling Sale

LANCASTER (Lancaster Co.) — With spring just around the corner, its time for the Lancaster County Conservation District's annual tree seedling sale.

This year the 17th year that the conservation district has been offering seedlings to all landowners to improve their property and help the environment. The Lancaster County Conservation District invites all landowners to join in celebrating Earth Day and Arbor Day in 1991.

The conservation district is offering a variety of evergreen, hardwood, and ornamental seedlings as well as ground cover. Available evergreen seedlings include Norway and Blue Spruce, Douglas Fir, White and Scotch Pine, and Eastern Hemlock. Evergreen seedlings are available in packs of 10, 50 or 100 seedlings.

Ground covers included in this sale are Pachysandra, English Ivy, and Myrtle. Pachysandra and English Ivy are available in packs of 10 individual plants or flats of 100 plants, while Myrtle is only available in packs of 10. Sugar Maple and White Dogwood, sold individually, are the hardwoods being offered this year. Nova Zembla Red Rhododendron will be sold individually or in a package of three.

Order forms are available at the Lancaster County Conservation District office, Room #6 of the Farm and Home Center, or by calling (717) 299-5361. Prepaid orders must be returned by Friday, March 15, 1991.

Seedlings may be picked up Friday, April 12, 1991 at the Kiwanis Lodge, Lancaster County Central Park.

FRONT TRACTOR

3 Rib

600-16 4 Ply TT	$43.95
600-16 6 Ply TT	$49.95
650-16 4 Ply TT	$49.95
650-16 6 Ply TT	$53.95

4 Rib

750-16 6 Ply TT	$59.95
95L15 6 Ply TT	$65.95
11L15 6 Ply TT	$77.95
11L15 8 Ply TT	$81.95
1000-16 6 Ply TT	$81.95
1000-16 8 Ply TT	$84.95
1100-16 8 Ply TT	$99.95

Dyna Rib Premium

14L-161 6 Ply TL	$209.95
14L-161 10 Ply TL	$219.95

Farm Utility Wagon Tires

95L15 6 Ply TT	$49.95
95L15 8 Ply TT	$57.95
95L15 6 Ply TL	$54.95
95L15 8 Ply TL	$59.95
11L15 6 Ply TT	$51.95
11L15 8 Ply TT	$53.95
11L15 6 Ply TL	$54.95
11L15 8 Ply TL	$56.95
12L15 10 Ply TT	$73.95

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15.5R38 ★	$429.00
169R38 ★	$519.00
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The Hard-Working, Hard-Pulling Tractor Rear

DYNA TORQUE II

112-28 4 Ply	$159.00
124-28 4 Ply	$179.00
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184-34 6 Ply	$379.00
184-38 6 Ply	$399.00
184-38 8 Ply	$429.00
208-38 8 Ply	$619.00

- Excellent drawbar pull with long-bar, short-bar lugs for improved traction
- Designed for improved stability and road-ability, plus reduced vibration
- Strong angle-braced lugs have self-cleaning design
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Colledge Tire 735 W Cypress St. Kennett Square, PA 215-444-5030	**Goodyear Service Store** 20-24 Denison Parkway East Corning, NY 14830 607-936-8021	**Goodyear Auto Service Center** 260 W. Hamilton Ave. State College, PA 814-238-4955	GOODYEAR	**Peoples Sales & Service Inc.** *Oakland Mills, PA* 717-436-2735	**Shueys Sales & Service** Jonestown Road Ono, PA 717-865-4915	**Donald B. Rice Tire Co.** 909 East St. Frederick, MD 21701 1/800-950-0550	**Umbergers of Fontana** RD #4 Lebanon, PA 717-867-5161	**BHM Farm Equipment** RD 1 Rt. 934 North Annville, PA 717-867-2211

American Farmland Trust Sponsors Workshop

NORTHAMPTON, Mass.—The American Farmland Trust (AFT), as part of a continuing effort to assist the Pennsylvania Department of Agriculture with the Farmland Protection Program, sponsored an all-day workshop for county administrators of the Farmland Protection Program on Thursday, January 10 at the Department of Agriculture.

The workshop was attended by all but 4 of the 29 counties participating in the state program. Ann Orth, AFT Pennsylvania field representative, introduced Boyd Wolff, Pa. secretary of agriculture, to the county administrators.

The workshop featured an update on the state program by Fred Wertz, director of the Bureau of Farmland Protection, and his staff. Also, Ray Pickering, director of the Chester County Farmland Protection Program and Julie Gustanski, director of the Bucks County program, presented a program on creative program initiatives that counties can use to assist in county efforts to not only protect agriculture but to promote it.

After lunch, Orth and Tom Daniels, director of the Lancaster Ag Preservation Board, talked about land trusts and how they can help with the state/county program.

The workshop ended with a discussion about the tax implications of agricultural conservation easements presented by Sam Goodley from the Lancaster law firm of Blakinger, Byler and Thomas, and assisted by Ed Thompson, AFT general counsel.

After the workshop, the county administrators visited the Farm Show and sampled some of the excellent Pennsylvania grown produce before they returned to their respective counties and their efforts to protect Pennsylvania farmland.

Take Precautions To Prevent Pneumonia

EDWARD J. WOODS
Washington Co. Ag Agent

As temperature and weather conditions vary considerably from day to day and from hour to hour, precautions need to be taken to prevent pneumonia.

Pneumonia-causing organisms are normally present in the respiratory tract, but under periods of stress an animal's resistance can be lowered to the point where it can no longer fight off the infection. It's important to minimize stress on animals.

Keep barns well ventilated, but avoid cold drafts. This may require frequent adjustment of doors and windows, or the proper installation and use of fans. Good ventilation prevents the buildup of stagnant, moist germ-laden air. That's important.

Also, avoid overcrowding. During inclement and rapidly changing weather conditions, one should also minimize stresses associated with transporting animals, weaning, changing feeds, deworming, vaccinating, etc. When necessary, consult your veterinarian for advice on immunization and treatment.

Farm Machinery

This is the time of year to be preparing your farm equipment for spring work. In the first place, this machinery should not be out in the weather. I know the buildings are expensive to construct, so if you are out of building space, cover the equipment with a tarp -- this will reduce weather damage.

Preparing farm machinery for the coming spring and summer is necessary during this slower season. You can make use of the off-season labor supplies. Machinery is a huge investment and should be kept in good condition at all times.

We had a policy on my father's farm to always give a good grease job to all equipment going into storage for the winter -- this kept moisture out of the bearings. Rain and snow will soon develop rust on equipment -- this will shorten the lifespan and is a primary cause of many unnecessary breakdowns.

Properly Feed First Calf Heifers

Most beef producers in the Northeast follow a spring calving system. Feed requirements for the cow herd are highest during the pasture season and decrease into late fall and winter when more expensive harvested feeds must be fed. Remember, however, that relative to summer, requirements are increasing for replacement heifers. Not only must the heifer continue to gain body weight for herself, but her developing calf also requires extra nutrition.

It's generally recognized that the last trimester (last 90 days) of gestation is the most critical time for calf growth. June bred heifers would just now be entering this period in their gestation. While it's important to provide adequate feed, it's also important not to overfeed, because fat deposits in the udder will hinder a heifer's milk production potential.

How much, then, should a heifer gain during this period? A realistic goal is probably 100 to 125 pounds, allowing good calf development and reasonable gain of the heifer.

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MAILBOX MARKET FOR SALE

Allis Chalmers tractor, good cond, cultivator plow, sickle mower. Dauphin Co. 717-566-2857

Farmall Cub, plow, cultivators, belly mower, sickle mower, blade & weights $2500 Also 1946 AC-WC runs good $650 York Co 717-292-3038

Purebred Alpine buck, 7 months old, ex breeding lines, papers available Berks Co after 5 p m 215-589-2891

Mobile home 14 ft x 70 ft We moved it off site, ready to move anywhere, good cond Best offer. 717-733-0660.

IH PTO spreader $725, 3 Cubs with mowers & equip Trans Disc 10 ft. $1000 York #407 3 pt blade $395 Carroll Co. Md. 301-374-6493.

JD 145-H 4x16" semi-mount plow with hillside hitch, cylinders and extra shares, good shape. Timothy round bales. York Co. 717-432-3869

300 ft. Frostex pipe, heating cable, self regulating for plastic or metal pipes $300 Berks Co 215-562-3782

Sheppard diesel tractor & engine books, literature, papers, small parts, send SASE for list, Harry Zettlemoyer, RD 3, Box 153, Tamaqua, PA 18252

Reg Qt horse gelding Ex breeding 3 yr old, Bucks Co 215-257-7068

Chicken manure not too wet, trucking available Berks Co 215-589-5613

1974 Chevy ¾ T heavy duty truck, 454 engine, 400 auto trans, good cond Asking $1200 OBO 717-672-2021 or 275-4252

Loader bucket 7 ft wide, 3000 gal fuel tank, Farmall 400D, 10x24 tractor chains, steam cleaner, speed sprayer, 3 pt crop sprayer Adams Co 717-528-4914

1963 GMC one ton stake body dump truck V8, 4 spd inspected with snow plow, new tires, ready to work 717-438-3737

520 gal Dari Kool tank with 2 hp Copeland compressor $250 Lanc. Co. 215-445-6775

710 IH plow 3-18 semi auto reset, good cond $1350 Badger 20' tripod $125 Hot water wood stove Bedford Co 814-766-3656

Polaris snowmobile 440, free air $550 Leb Co 717-949-3955

Bender dumping station with glass receiving jar 200 Surge 50+ vac pump 300 Sch Co 717-345-8809

72 Ford F250 camper special, towing equipped, inspected 11/90 looks, runs well, ex work truck 1,000 Delaware Co 215-439-3103

Seasoned firewood, split oak $85 cord. 21 Corner Catch Road, Paradise, Pa 717-687-6656 you pick up Lanc Co.

New Idea ground drive trailer spreader on rubber, very good $875. H L Stoltzfus, Centerville Rd, Gordonville, Pa Lanc Co 17529

Bred reg Simmental heifer Chester Co $900 215-326-2289

Old clocks wanted, any condition, any type considered, broken ok. Please call 215-267-5822.

John Deere 3 pt, 3-16" plow, straw for sale, can deliver, pickup loads Lanc Co. 717-898-7386.

Bike Redline RL20 boys free style bicycle cost $350. Like new barely used, white & chrome $150 Lanc. Co. 717-656-9839

Case 1030 diesel, excellent rubber, new hyd. pump, need head gasket $4300. Cumb. Co. 717-249-3392

8½' utility service truck body, side tool boxes, ladder clamps, swing-out loading arm, sliding covered top $1200. West'd. Co. 412-238-9814.

Big favorite incubator 350 watt holds 600 eggs $180, red, yellow, golden & amherst pheasants, white silkie banties Cumb. Co 717-423-6620.

ABS service age Jersey bull, can deliver to NH, two 184,000 BTU gal oil furnaces, 1855 Oliver tractor 717-966-2434

NH skid steer, 18 HP gas 75 hrs, like new cond, 800 lb lift perfect for inside buildings $5900 Perry Co 717-438-3977

JD 894A rake, feeder pigs, alfalfa, clover, mixed-hay, straw. Wanted: Beef X dairy heifer, calves. Oxford Area. 215-932-2426.

Saddlebred carriage horse 4 yr. old safe & gentle for women & children. Lanc. Co. Luke Nolt, RD2 Box 47, Ephrata, Pa. 17522.

NH forage wagon with NH 12 ton running gear, used only 2 seasons $5,500 or best offer. Lanc. Co. 717-733-3812.

Angus bull ready for service, 78 Ford pickup 4 wheel drive, Lanc. Co. 717-569-9281 eves.

Maytag wringer washer, excel. cond, $140. Berks Co. 215-286-5080

Elect. stove 30" wide 4 burners broiler oven elect clock timer & storage drawer color white $20, good cond. Bucks Co 215-598-3818.

AC-WC WC45 new sleaves piston small riden horses, ponies Wanted ft brakes for WC tractor for Co. 717-369-2216

6 draft horse harness, also 9' JD spring harrow & auto-turn cart Lanc Co Daniel Beiler, 78 S. Maple Ave, Leola, Pa. 17540.

Antique 2-horse weber wagon, good cond, $500 Franklin Co 717-532-7169

1977 Ford Mustang, rebuilt engine, good body, $600 Dutchess Co., N.Y 914-855-1217 eves

AKC Reg. Labrador retriever pups yellow, shots & wormed, mother on premises, 7 wks old, nice temperament Lanc Co 717-738-1089

Corral, portable steel, ten 10' sections plus gate for cattle, horses, sheep cost $1900, only $750. Steuben, N.Y. 607-962-1403.

Timothy round bale hay $15, 200 timothy square bales $1.25, 175 bales oat straw $1 Carroll Co. 301-775-0198 eves.

9" model A South Bend lathe w/cabinet, chucks, etc., like new $1350, Bishman air bumper jack, $225. Leb Co 717-273-3982.

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1978 Yamaha XS 750 motorcycle. Brad. Co 814-623-2158 between 6:30 a.m. & 7:30 a.m.

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1st, 2nd, 3rd cutting timothy, very good color $75 to $110 ton delivery avail holstein cow bred & milking $700 holstein heifer, open $600. Sch. Co. 717-345-4109.

3 sorrel mules 11 yrs. old reasonably priced D L Zook Jr., 69 William Run Rd., Christiana, Pa 17509

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Pomeranian pups $50 ea., border collie pups mixed $20 ea. Lanc. Co. 717-354-9584, no Sunday calls.

1982 Polaris & 1980 Ski-Doo snowmobiles w/1987 trailer, best offer. Chester Co 215-793-1563.

Ford 8N, 1952, 3 pt., good rubber, very good running cond., $2500. Col Co. 717-458-5972 eves.

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Skid loader NH L779 diesel excel., $7200, JD 2010 angle blade dozer diesel good cond., $5200. York Co. 1-717-993-3350 after 7 p.m.

Moving must sell JD 14T baler excel. $350, 2 bale through wagons $425 ea., $1,100 for all. Harford Co. 301-692-2838 eves.

Lively border collie puppies, Reg. Amos Esh, 140 St. Catharines, Quarryville, Pa. 17566.

Silver & reeves pheasant, Calif. valley, silver button quail, miniature donkey stud service. Lanc. Co. Stephen Esh, 204 Eden Rd, Quarryville, Pa. 17566.

Steel wheels open center 61" high, 30" center, 18' wide, $300 Lanc Co 215-445-5924

Craftsman hyd motor mounted 10" radial arm saw, like new $450 John B Zook, 5208 Peters Rd, Kinzer, Pa 17535

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Speed queen wringer washer like new $225, Pheff sewing machine No 260 w/cabinet $225 Lanc Co 717-626-4872.

6- Surge milkers, pulsators & surge randals, 50' of 2" glass line. Lanc Co 717-687-7209

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NH 269 baler w/thrower $900 OBO, Ontario grain drill on steel needs work $100. Lanc. Co. 717-898-7311

Farmall 100 w/cults , Farmall 140 w/cults , Ford 800 gas tew veg washer Chester Co. 215-286-5641.

Horse collars- used good cond., all kind. Christ E. Fisher, 1975A Mine Rd., Paradise, Pa. 17562.

Tractor MF 85 WFE PS 3 ph. aux. hyd. new paint, like new, tires, good cond., $2900. Wash. Co. Md. 301-824-2159.

JD tripod 3 btm 14" plow A-1 cond., JD offset disc 21" blades A-1 cond 717-656-6365.

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AC plows, 2 btm rollover SC, 3 slat-btm. SC, 3 slat-btm 3 ph. David Bradley manure spreader $150 ea Lanc Co 717-664-3262

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Portable grinder, Bearcat PTO w/feeder, Artsway grinder mixer, no belts, 2 horse cult. Berks Co 215-682-2760.

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30'x80' poly greenhouse w/ Acme fans, NI No. 18 manure spreader, IH 8' pull disk, JD 2 bot. trip plow. Bucks Co 215-862-9202.

Open front carriage w/ slides good cond., $1,650, 30 HP Continental engine good cond., $200. A.S. Zook, RR 2 Box 157, Delta, Pa. 17314.

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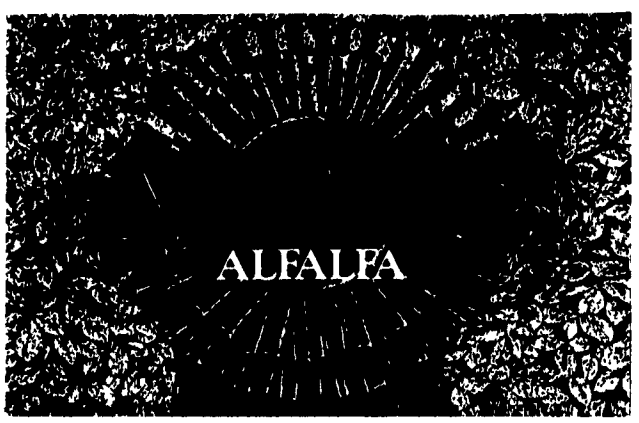

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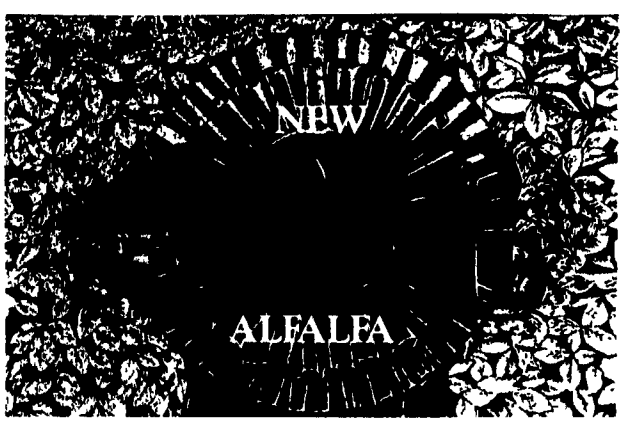

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AKC Collie pups sable/ white tri-color & white $125 Adult male $100. J.E. Swigart, McVeytown, PA.

Ribbons, yellow, nylon, ¾ "x22 yds. 50¢/rl. or large quantities a lot cheaper Fulton Co. 717-987-3732.

Cat. 955K loader soft cab & ROPS runs good undercarriage good. Noah Yoder, R1 Box 174, Grantsville, MD 21536.

1979 Dodge truck runs & looks good 318 cu. auto, tran. PS PB. Perry Co. 717-789-4353 after 4PM.

High pressure washer, cat pump, #10 frame, model 520, 1700 PSI, 5HP, 3 phase, $425 neg 717-286-1993 after 5PM

Kalamazoo cook stove Also Kalamazoo Franklin wood or coal stove Both in good cond Franklin Co 717-328-3866

Livestock guardian dog, 1 yr old Handsome Anatolian/Pyrenees crossbred male Working goats, miniature horses Super temperament Bucks Co 215-257-8847

Tiller 24" adjustable dual belt chain drive Kohler 4HP economical good cond reasonable $135 Lanc Co 717-442-9239

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NOTICE

Veterinary Homeopathic Class

Teacher: Dr. Ed Sheaffer V.M.D.
Wednesday, Jan. 30, 1991 9 a.m. - 3:30 p.m.
Location: Yoder's Restaurant
Rt. 23 E. of New Holland, Pa.
Subjects: Udder Health, Udder Injury, Milk Quality, First-Aid, Fertility, Affections Of Musculoskeletal System Of Horses And Cattle

Reservations Must Be Made With
Hess Farm Supply, Inc., New Holland, Pa.
By Mon., Jan. 28, 1991
Call (717) 354-7972 or 354-7935

Informative Agricultural Meeting

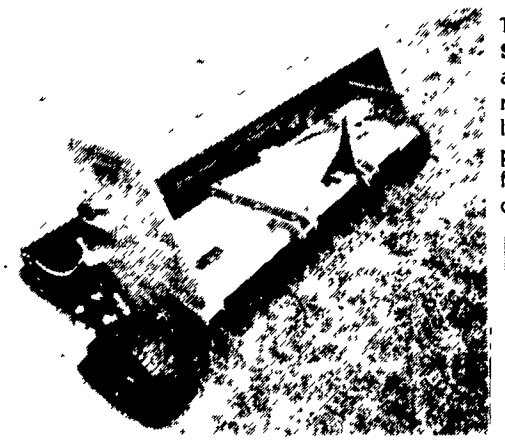
Wednesday - Feb. 6, 1991 9 a.m. - 3:30 p.m.
Location: Yoder's Restuarant
Rt. 23 east of New Holland, PA

Speakers:
Murray Bast -Pres Bio-Ag Consultants Ontario, Canada, Consultant In Animal and Soil Nutrition & Supplier Of Animal Health Products - Well-known Speaker Throughout Canada & U S
Subjects: Producing Safe, Chemical Free Food Controlling Corn Root Worm With Ecological Farming - From Personal Experience
Dr. Edgar Sheaffer V.M.D. Owner Of Clark Veterinary Clinic, Mechanicsburg, Pa.
Subject: Safe Quality Milk For Today's Consumer
Mike Trapp - Quali-Tech, Inc., Chaska, Mn.
Subject: Assimilation Of Trace Minerals In Livestock Nutrition
Dr. Lee Davis - Trans-Agra International, Storm Lake, Iowa
Subject: Non-Viable Probiotic Animal Nutrition
Dr. Charles Garrett - Penn Nutrients, Inc., Robesonia, PA
Subject: High Available Energy Fats For Dairy Cows

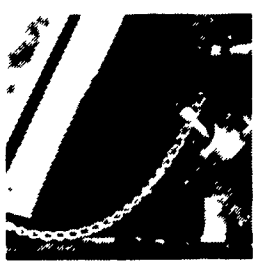
For Reservations Call
Hess Farm Supply, Inc.
New Holland, Pa.
By Jan. 28, 1991
(717) 354-7935 354-7972

LAND PRIDE

Reseeding, Interseeding, and Overseeding With Accuracy And Durability...Only From Land Pride

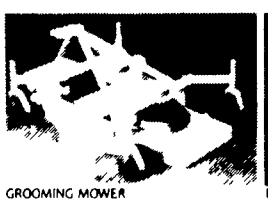


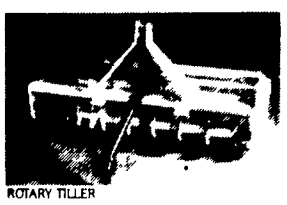
The Land Pride Solid Stand Seeder features the precision and dependability synony mous with the Land Pride line Proven fluted seed cups precisely meter grass seed for either slit or broad cast pattern

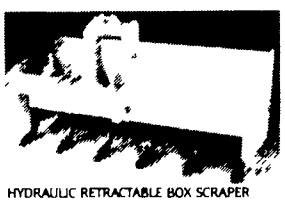


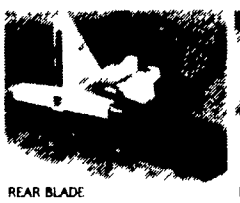
Adjustable tickler tines help promote soil to seed contact A smooth steel roller or solid cast iron packer wheels firmly pack the seed for proper germination For a high output, user accessible overseeder with durability, see the Land Pride Solid Stand Seeder and your Land Pride dealer

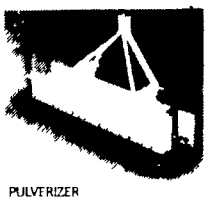
The fine family of landscaping equipment from Land Pride


GROOMING MOWER


ROTARY TILLER


HYDRAULIC RETRACTABLE BOX SCRAPER


REAR BLADE


PULVERIZER

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717-949-6501

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717-569-2345

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Rt 654
Honesdale, PA 18431
717-729 7117

Wm. Hobensack's & Sons
1060 Greeley Avenue
Ivyland, PA 18974
215-675-1610

Pikeville Equipment Inc.
RD 2, Oysterdale Road
Oley PA 19547
215-987-6277

Tractor Parts Co.
335 Central Road
Bloomsburg, PA 17815
717-784-0250

Sweigard Bros., Inc.
RD #3, Box 13
Halifax, PA 17032
717-896-3414

Stouffer Bros. Inc.
1066 Lincoln Way West
Chambersburg, PA 17201
717-263-8424

Stoltzfus Farm Service
Cochranville, PA
717-593-2407

Triple H Equipment
2368 Robert Fulton Hwy
Peach Bottom, PA 17563
717-548-3775

M.S.Yearsley & Sons
West Chester, PA
215-696-2990

Finch Services-Hanover Inc
515 Frederick St
Hanover, PA
717-632-2345

Norman D. Clark & Son, Inc
Honey Grove, PA
717-734-3682

Loysville, PA
717-789-3117

Nicarry Equipment Co.
RD 2, Rt. 61, 3 Miles S of Leesport
Reading, PA
215-926-2441

I.G. Sales & Service
Box 200, Silverdale, PA 18962
215-257-5135

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Woodstown, N.J 08098
609-769-0308

Caldwell Tractor & Equipment, Inc.
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Fairfield, N J 07006
201-227-5772

Warren County Service Center
228 Route 94
Columbia, N J 07832
201-362-6916

Rodio Tractor Sales
North White Horse Pike
Hammonton, N J 08037
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Washington, N J 07882
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609-267-3363

Trenton Ford New Holland
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MAILBOX MARKET FOR SALE

1987 Bronco II V6 auto. tinted glass 55,000 mi. looks & drives like new $7500. Cumb. Co. 717-766-6758.

NH 488 haybine good cond. $1900. Cumb. Co 717-486-7351.

Tenn. mules 2-5 yrs. old standing 16H & up. 6 pair are broke ready for work. Stephen G. Lantz, Lebanon, PA.

80" dual auger H.D. PTO 3PH snow blower $695 Dual compartment grain bin $295. Civil War era side saddle. York Co. 717-741-3974.

Palomino & bay half hackney ponies ride & drive Also 9' spring tooth harrow No Sunday calls- 215-445-4110.

Plastic mulch layer 4' or 5' $250. 12" Friend dry brusher $250. 8' 3PT disk $275. Bucks Co. 215-257-9286.

D4 Cat running cond. w/ angle blade JD spring harrow. Ammon Z. Martin, RD4 Box 482-A, Ephrata, PA 17522.

Bear front end alignment unit 645/164 very good cond. 2008 Horseshoe Rd., Lancaster, PA 717-299-2137 8-5.

70 1x12x16' pine barn siding 30¢ bd. ft. 3 wheel band saw Sears w/stand $100 Call 301-692-2636.

Electrostatic spray gun DeVilbiss EFX-100 w/ pressure tank w/liner York Co. 717-292-2580 after 6PM.

3 & 4 yr. old Belgian horses- broke to farm work Special team blond fillies. 717-656-9548.

488 NH haybine $2100. 44' Zimmerman elevator w/ motor new in 1990 $2500 Lanc. Co. 717-354-0182.

1978 Olds Cutlass Coupe 51,000 orig. mi. V6 AT PS good cond. $1800 OBO. Carbon Co. 215-826-2639

Millville wood/coal heater, good. Snow plow for Cub Cadet 108. 40' single axle flatbed trailer, make offer 717-799-5306.

175 IH track loader 1973 IH S/A tractor F700 Ford dump NH grinder mixer parts scales tractor repair. Lanc. Co. 717-354-4059.

Snow plow Meyers ST90 pump, controls, power angle $450. Bucks Co. 215-343-0508 eves

Firewood for sale. P O Box 92, Intercourse, PA 17534

MAILBOX MARKET WANTED

I want to buy silage corn seed. Lancaster County Surecrop, Eureka White, or other tall-growing variety. 5-6 bags. 717-567-3355.

$100-up, trade, for NJ crocks, jugs, other blue decorated stoneware in good cond. Also NJ postcards, advertising. Monmouth Co. Call collect 908-591-9255.

Dsl. tractor wide front w/ dual outlets 65HP or over good cond. Hunterdon Co., NJ. 201-996-4769.

Remington bolt action .22 rifles, model 513-S & model 37. Leb. Co. 717-867-1458.

Wanted to rent or lease purchase small farm house w/outbuildings by responsible mid-age single person. Chester Co. 215-486-0658

Salvage to attic flooring, old log houses & farm houses, stone end & brick end barns. 717-334-0249 7-9PM.

Dominique pullets. Baltimore Co., Md. 301-357-4444.

Want summer job Berks Co. farm. Has farm background, 16 yrs. old. Call David- 215-670-1470

1965 Pontiac GTO, 1957 Chevy 2 dr. coupe, 1958 Chevy pickup fleetside steel wheels 10-20. Hunterdon Co. Collect 201-479-4807

Buffalo Bill memorabilia- postcards, posters, photos, signed letters, old cowboy & Indian photos, anything western, holsters, etc. Box 54, Bart, PA 17503.

Warm Morning coal & wood stove, medium to large size in good cond 717-386-3573 after 9PM

Saw buck 3PT PTO drive good used cond. Lanc. Co 717-426-2500 after 7PM.

Pulley assembly for JD 2010. For sale· 1974 Chrysler Imperial 4 dr. 440 engine, 1947 Willy truck. Perry Co 717-536-3130.

Person wanted to help on Lebanon Co. dairy farm 717-865-0337

Tobacco sheds to be removed Please write to Christ M. Fisher, 2810 Shiprock Rd , Willow Street, PA 17584.

Model G430 corn herad & FG grain head for model G AC combine. York Co 717-244-8580

Concrete stave silo to rebuild 14' or larger Also wanted 14' silo unloader & conveyor Lanc Co. 717-354-9340

Loader for WD AC Also wide front axle York Co 717-382-4629.

89/90 Ford F250 Supercab 4x4 7.3 dsl. ATOD loaded Trading 1989 Bronco full-size. Eddie Bauer. Burl. Co 609-859-3220.

1 white male mute swan 2 yrs. old or older. Juniata Co. 717-463-2474 after 4

Set of steel wheels for McDeering farm wagon Write Earl Mazelin, RD1 Box 676, Port Treverton, PA 17864

Experienced farm help needed for potato & corn farm on Long Island, NY 516-537-3881 days or 516-537-1027 eves.

Kubota 4x4 tractor 16 or 17 HP w/mower. Must be in good cond. 717-754-4716

Attn: Couple desperately searching for farmhouse/ apt. w/room for 3 horses. Consider help w/farm work Need by April 1. Dauphin Co. 717-566-0423

Used milking equipment, bucket milkers, pipelines, claws, shells, weigh jars, takeoff, pulsators, complete parlors Picking up anywhere. E-Zee 717-768-77599

Cannon corn sheller. Wayne H. Martin, 486 Frysville Rd , Ephrata, PA 17522.

Nelson Bro ⅝ HP air cooled parts or parts engines, Homelite Super 2 or 240 chain saw, McCormick 10-20 carbs & mags B.J. Kinsinger, Meyersdale, PA

Owner-operator and/or shop manuals for IHC TD9 Older model w/4 cyl engine. Luce Farms, Meshoppen, PA

Corn shed in good cond to tear down Ben K Swarey, 418 Little Britain Rd , Peach Bottom, PA 17563

Wings for Ford 241 disc must have 9" spacing between blades Dauphin Co 717-533-9567 8:30-10:00PM

Cooler door or cooler door hinges Franklin Co 717-369-4211

Jamesway barn windows, 40' to 42' trusses. For sale- 3 Smitley hog feeders cheap. Lanc. Co. 717-354-9985.

Front Bolster weights for IH 200 IH #361158R1, 361159R1. Will travel 301-489-4993.

Used woven hog wire Also used galvanized or black pipe ½ " to 2". Must be in fair shape Mrs. Jonas K King, Paradise, PA

Used 3HP push mowers or lawn tractors in need of repair, will pick up. 215-358-0725.

Bean 60' hyd boom 500 gal & sprayer in exc cond Call collect- 215-261-1261

Large meat grinder, 22 or 32, in good cond., 110 or 220V. Northumberland Co Jerry- 717-644-0293

Kaiser and/or Fraser cars, any cond. Will also buy new & used parts. Ben N C. De 302-322-0922 anytime

Engine for IH 560 dsl., short engine will do York Co. 717-266-3583.

Backhoe attachment for Case crawler 310-350 516-924-3419

Couple who want plain simple life To make this their home, willing & enjoy farm work, plus take pride in what they do 301-329-6842

Snow plow blade for Cub tractor. Hamilton, PO Box 187, Thornton, PA 19373

Large tame mule safe enough for children Ivan Z Martin, RD2 Box 30A, Ephrata, PA 17522

MAILBOX MARKET NOTICE

Free to good home, 7 wk old puppies, collie & samoyed cross 717-539-8365

Free bedding sudan grass in round bales Cumb Co 717-776-4261.

C.B. HOOBER & SON, INC.
Intercourse, PA
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Details In Next Week's Issue

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Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:
For Sale____ Notice____ Wanted____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

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Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mailbox Market. Subscribers using the Mailbox Market MUST use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

Include your Lancaster Farming mailing label and mail to:
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Ephrata, Pa. 17522
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Check the proper box and fill in your name and address. Attach your check, $15.00 per year or $28.00 for two years in PA, MD, DE, NJ, NY, OH, VA and WV. (All other areas - $25.00 per year, $48 00 for two years.) Payment must accompany order. Allow three weeks for delivery.

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Please give us 3 weeks advance notice. Cut label from current paper and attach in space provided; write in your new address below. Changes will be made as close to requested date as possible.

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ZIP + 4_____ COUNTY_____

NON-REFUNDABLE

MAIL BOX MARKET NOTICE

1984 Dodge crew cab pickup & Int pump truck, both good cond, to be sold at Paul Zook Auction Feb 2

Trade- 1978 Cordoba for feeder calves AM/FM 360 cu in PS PB AT 90K miles, needs inspection, excellent interior, runs great 215-287-5370 after 5

For rent- 12'x56' mobile home on farm property near Ronks Includes appliances Lanc Co 717-768-8013.

For rent- large tobacco shed w/cellar & stripping room. Lanc Co 717-786-9070.

Dog owners! Jan. 19 Herding Stock Dog Clinic, Mt Airy, MD. w/instructor Jack Monsour, Bedford, PA, sponsored by Mid-Atlantic Herding Stock Dog Club Instruction starts 8.00AM, $15 Contact Derry Leinaweaver 717-899-6481.

Sale Reports

TROPHY SALE

A Public Auction of trophy mounts and guns was held January 12 at the Springetts Fire Co. Social Hall, 3013 E. Market St., York, Pa. Despite the snow and ice storm people up and down the Eastern Seaboard attended the sale.

Some of the highlights were as follows: a Grand Slam consisting of a Rocky Mountain Big Horn, Desert Big Horn, Dahl & Stone Sheep $8000, black bear & cub $1500, bull buffalo head mount $1500, Alaskan bull moose $3600, bull barren ground caribou $1100, sea lion $1850, brown bear $1000, Grizzly bear head mount $725 and Winchester Model 71 .348 $1800.

Gilbert & Gilbert, Auctioneers conducted the auction.

REED SALE

ALL-REED milking herd and bred heifer dispersal was held January 17 by Millard F. Reed, Jr., Route 4, Chestertown, Maryland on Route 297.

The average of the 86 head of registered and grade Holsteins sold was $1436. The top price for a cow was $3300, the second high was $3100 and there were five animals that brought over $2000.

Remsburg Sale Service managed the sale.

RODICHOK SALE

A Dairy Herd Dispersal was held January 17 by Robert J. and Jean L. Rodichok, R.D. 1, Lykens, Pa. at Kling's Sale Barn, 15 miles north of Carlisle, Pa.

The herd contained 136 Holstein dairy animals and the top prices for the 80 cows was $1375 for the top priced animal. The second high was $1200 and the third high was purchased for $1150.

Kling's Auction Service conducted the sale.

TREZISE ESTATE SALE

A Public Auction of antiques and quality furnishings was held January 19 for the estate of Dr. Willard J. Trezise at the Red Men Pavilion, ¼ a mile south of Oxford, Pa. There were 223 registered bidders from 5 states at the sale.

Some prices received were: 10 piece mahogany diningroom suite $1250, 6 piece cherry bedroom suite $1200, pine Dutch cupboard $950, dry sink cupboard $750, Lionel train set .027 engine $290, Tonka ladder truck $110, box of doll clothes $100, J.D. toy tractor $100, Structto Wynadotte trucks $25 to $90 each.

Whiteside Auction Service conducted the sale.

FULTON & GARVINE ESTATES SALE

A Public Auction of antiques and collectibles was held January 19 for the estates of James C. Fulton and Jane E. Garvine of Fawn Grove, Pa. and Delta, Pa. A very large crowd attended the sale with 454 registered bidders present.

Some prices included: 1983 Buick LeSabre Limited $3500, Ashley wood stove $200, marble top washstand $385, other washstands $255 & $300, old 4-drawer chest $150, Rogers silverplate for eight $75, 2 blown glass vases $90 each, blue spongeware bowl $60, 2 flow blue plates $60 each, ladies gold pendant watch $170, oak slant front secretary $285, 4-drawer treadle sewing machine $100, 2 jardiniers with blue flowers $100 & $75, Duncan Phyfe diningroom table $310, Snapper 11 h.p. riding lawn mower $700, old Wheelhorse riding tractor with attachments $420, old carpenter's tool chest $125 and old planes $15 to $50 each.

Bob and Tom Sechrist were the auctioneers.

RUFFINI SALE

A Public Auction of restaurant equipment was held January 19 by Ronald and Busty Ruffini, 3307 Lincoln Highway, Thornsdale, Chester Co., Pa.

Some prices included: walk in refrigerator-freezer $1200, small walk in refrigerator $200, safe $200, 2 deep-fat fryers $180 each, ice machine $625, stainless steel table $150, 2 display cases $95 & $100, 4-door beverage cooler $175, neon beer signs $65 each, 2-door glass refrigerator $700 and meat slicers $600 & $175.

Barr/Davis were the auctioneers.

SEIBEL TRUST SALE

A Public Sale of real estate was held January 17 at 147 and 149 Grant St., (corner of Grant & E. Marshall Sts., Ephrata, Lanc. Co., Pa.).

The terms were by Farmers First Bank trustee of Warren I. Seibel Trust and the 2½ story dwelling on a lot size 51.9 frontage and 81 feet depth was sold for $78,000.

Horst Auctioneers conducted the sale.

ZIMMERMAN SALE

A Public Auction of a 40 acre limestone farm zoned Agriculture, was held January 21 by Leroy Z. Zimmerman, east of Brownstown at 148 Metzler Road, West Earl Twp., Lancaster County, Pa.

An outstanding price of $12,550 per acre was paid for the farm which contained a 2½ story frame house, large bank barn with liquid manure storage for 100 head steers and a bunk feeder. A new 50x64 insulated shop, 2 stave silos, two 400 bushel grain bins and drive-in corn barn were also included in the purchase by David M. Zimmerman, R.D. 3, Ephrata, Pa. The total paid for this farm was $502,000 or more than one-half million dollars.

Paul E. Martin was the auctioneer.

Public Auction

Of Antique Furniture, Household Goods, Atlas Snow Blower, JD Riding Tractor, Tools
Starting Time 1 P.M.
Gold Pc., Coins, Watches
1 P.M.
Thursday, Jan. 31, 1991
Al Starr Community Building
Willow Street, Pa.
Rte. 272 North Directly Behind
Willow St. Fire Hall
Sale For
Arthur Warren Sr., Est.
Elizabeth Killian Est.
Miller & Siegrist,
Auctioneers
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Cochranville, PA 19335
215-593-6731

STAR SILOS
Myerstown, PA 17067
717-866-5708

JAMES L. HOSTETTER
McVeytown, PA 17051
717-899-6386

SOMERSET BARN EQUIPMENT
Somerset, PA 15501
814-445-5555

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PRINGLES FEED STORE, INC.
Greenville, PA 16125
412-588-7950

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717-538-5521
OR 1-800-232-DALE

GNEGY SURGE SERVICE
Washington, PA 15301
412-222-0444

HOOVER EQUIPMENT
Tyrone, PA 16686
814-684-1777

MARYLAND

GLADHILL TRACTOR MART
Frederick, MD 21701
301-663-6060

MD & VA MILK PRODUCERS ASSOC.
Frederick, MD 21701
301-663-6552

NEW JERSEY

GEORGE COLEMAN
Elmer, NJ 08318
609-358-8528

Sale Reports

ROBINSON ESTATE SALE

A Public Auction of a mobile home and real estate was held January 19 for the estate of Charles E. Robinson, 1 mile south of Reeds Gap in Juniata County, Pa.

The 3.98 acres partially wooded with a 10x40 Valiant mobile home with appliances, on lot sewage and artesian well was sold for $21,900 to Haldeman's Excavating of Manheim, Pa.

Long's Auction Service conducted the sale.

Public Auction Register

Closing Date
Monday 5:00 P.M.
of each week's publication

January

SAT. JAN. 26 - 8AM, Railroad and Model Railroad Collectibles, located at Hummelstown Fire Hall, E. Main St., Hummelstown, PA, Estate of John K. Keifer, Gary Fasnacht, Auct.

SAT JAN. 26 - 8:30AM, Antiques, to be sold from Abbottstown Fire Hall, Abbottstown, PA, Rt 30 W. of York, Estate of Evoyne Hersh of Abbottstown, Rentzel's Auction Service.

SAT JAN. 26 - 9AM, 4th Annual Toy & Baseball Card Auction, located at the Brickerville Fire Hall, W of Ephrata just off Rt. 322 in the village of Brickerville, PA, E. M Murry Assocs, Aucts.

SAT JAN. 26 - 9AM, Antiques, HH Goods, Guns, 1976 Ford C-750 Tilt Cab w/20' Alum. Eby Cattle Bed, located 1528 Furniss Rd, Drumore, PA, The Estate of Harry P O'Donnell, Kreider, Kline and Good, Aucts.

SAT. JAN. 26 - 9AM, Masonary, Carpentry6, Tools Few Antiques, Iron Kettles, New Pre-Hung Doors, Drywall tools, sale held on site in Lancaster Co, PA, in village of Georgetown from Rt. 896 go West, Fabric Store on Furnace Rd., watch for sign at Sarah's Bake Shop, Jacob and Sarah Fisher, owners, Steve and Steve, Jr Petersheim, Aucts

SAT JAN. 26 - 9AM, Furniture and Antiques from local estates, at Rudnick's Sales, Rt. 213 Galena, MD, Harry Rudnick and Sons, Inc, Aucts.

SAT. JAN. 26 - 10AM, Machinery & Bred Heifer Sale, located 12751 Creagerstown Rd., Thurmont, MD, Dottie and Lou Plumber, owners, NH Cattle Co.-Norman Hill, Salr Mgr.

SAT. JAN. 26 - 10AM, Power & Hand Tools, Masonry Power & Hand Tools, Lumber & Metal, All Kinds of Hardware, Ladders, located 2924 Columbia Ave., Lanc., PA, Milton J. Byers, owner, Howard Shaub, Auct.

SAT. JAN. 26 - 10AM, Surplus Building Material Sale-Kitchen Cabinets, Doors, Windows, Locks, Tubs, Counters, Sinks & More, Kutztown Pruduce Auction, Fleetwood, PA.

SAT. JAN. 26 - 10AM, Hay & Straw Sale, Kutztown Produce Auction, Fleetwood, PA, Buyers & Sellers Wanted.

SAT. JAN. 26 - 10AM, Partial Liquidation of Schreibels Excavating and Trucking, Inc., located Floriday, NY (Middletown Area), Alex Lyon & Son, Sale Mgrs. & Aucts.

SAT. JAN. 26 - 10:30AM, Tractors, Trucks, Combine & Farm Mach., located at our home 6 mi. W. of Laurel, DE on Rt. 24, first farm on left past Westside Auto Parts, Joseph C O'Neal, Sale Mgr.-Auct.

SAT. JAN. 26 - 11AM, Tractors, Trucks, Combine, Farm Equipment, located from US 13 turn E. at Blackbird, DE onto Eagles Nest Rd., go to 1st Rd. (Rt. 51) & turn left, 1st farm on right, Carlton Blendt, owner, C. T. Scuse & Son, Inc.

SAT. JAN. 26 - 11AM, Herd Dispersal-91 Head on Interstate Tested Holstein, located Nunda, Livingston Co., NY, 2290 DeGroff Rd., Mark and Karen Gallton, owners, Pirrung Auctioneers, Inc., Aucts.

SAT. JAN. 26 - 11AM, Repossessed & Off Lease Vehicles, at Keystone Public Auto Exchange, Rt. 22/322, between Dauphin & Clarks Ferry Bridge, PA.

SAT. JAN. 26 - 1PM,**DATE CHANGED TO MON. JAN. 21**40 Acre Farm in Brownstown, PA, Leroy Z. Zimmerman, owner, Paul E. Martin Auction Service.

MON. JAN. 28 - 6PM, Inventory & Fixtures, located at 1512 Bridge St., New Cumberland, PA, West Shore Hardware Co.-Robert E. Pellman, owner, Kerry Pae Auctioneers, Aucts.

TUES. JAN. 29 - 9AM, New Tools & Equipment, Stoltzfus Hardware, owners, A & C Diffenbach Auction, Inc., 100 W. Jackson St., New Holland, PA.

TUES. JAN. 29 - 10AM, Oriental Rugs, Carpet, Tile, etc., located 1825 E. Boston Ave., Phila., PA, Wm. F. Comly & Son, Aucts.

WED. JAN. 30 - 10AM, Cabinets, Ceramic Tile, Carpet, Building Supplies, located 3 mi W. of Freehold Circle, 1 block off Rt. 33 Southside, Millhurst Mills, Freehold, NJ, Peter Costanzo Auctioneers, Inc.

WED. JAN. 30 - 1PM, 73 Acre Farm located along Dogwood Dr. leading from Brunners Grove Rd. to Smokestown Rd., E. Cocalico Twp., Lanc. Co., PA, Florence Fry, owner, H. H. Leid Auction Service, Aucts.

WED. JAN. 30 - 3:30PM, Antiques, HH Goods, located at Brickerville Fire Hall, just off Rt. 322, approx. 8 mi. W. of Ephrata, Brickerville, Lanc. Co., PA, Mary Fry Estate, T. Glenn Horst and Sons, Aucts.

WED. JAN. 30 - 4PM, Twin Bedroom Suite, Single Bed, Chest on Chest of Drawers, etc., located at Springetts Fire Hall, 3013 E. Market St, York, PA, Margaret L. Hess & others, owners, Gary Gladfelter, Auct.

WED. JAN. 30 - 6:30 PM, Guns & Winross Truck Auction. A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

THURS. JAN. 31 - 10AM, Restaurant Equipment, Market, Bakery, Butchering Supplies-Dispersal of 2 local businesses, Steak House, Deli Market, located in heated warehouse on Warehouse Rd. in Lancaster, PA 1 mi. W. of Roots Auction, Jack Gamaldi, owner, Steve and Steve, Jr. Petersheim, Aucts.

THURS. JAN. 31 - 10AM, Bankruptcy Auction-Grocery Store Equipment, located at 45 W. Hanover St., Gettysburg, PA, In The Matter of. J & J Market, Inc., Richard Kremen Trustee, Gilbert and Gilbert, Aucts.

THURS JAN. 31 - 11:30AM, Complete Herd Dispersal-115 Head of Holstein Dairy Cattle, at Shady Lane Diary Sales, Inc, ¼ mi. W of Quarryville, PA off Rt. 372 onto Oak Bottom Rd., Mr. and Mrs. Earl Martin, owners, Shady Lane Dairy Sales, Inc., Sale Mgrs.

Public Sale

Farm Equipment, Tools, Antiques
Saturday, February 16, 1991
10:00 A.M.

Located along Rt. 897, one mile south of Terre Hill. Two miles northeast of Blue Ball, near C.E. Sauder's Mill, East Earl Twp., Lancaster Co., Pa.

Farm Equipment- Tools

John Deere 2020 tractor, 3170 hrs. with Sauder loader; Massey Ferguson 178 tractor with multipower, good rubber; Farmall H tractor; John Deere H tractor with cultivators; John Deere B tractor; Farmall A tractor; John Deere 2x16" trip bottom plow; 3- John Deere KBA discs; 2- three section harrow; New Holland 67 hayliner baler; John Deere 14T baler; McCormick 46 baler; New Holland 327 manure spreader; New Holland 331 manure spreader; New Holland 450 3 pt. mower; 2- John Deere 246 cornplanters; John Deere 3 pt. tool bar chisel; 11' cultipacker; Drag; 2- flatbed wagons; 16' farm trailer; New Idea hay crimper and hay rake-tedder; 3 pt. fert. spreader; Stauffer transplanter; Oliver 12 hole grain drill; McCormick 16 hole grain drill; 9' fert. drill; Stauffer manure spreader; Stihl mist blower; walking and potato plows; 4000 tobacco laths; several tobacco bale boxes; hyd. cylinder; two hole corn sheller; 75-⅝ baskets; portable gas tank and pump; web for NH 327 spreader, like new; block-tackle; log chains; 4' wire fence; fence posts; swivel bolt bins; carpenter tools; firewood; scrap iron; plus more farm related tools.

Misc. Items - Antiques

Iron kettle with tripod; 3- apple peelers; apple butter stirrers; crocks; pea scale; electric meat grinder; sausage stuffer; hog scrapers; Maytag wringer washer; plus more things not listed. Come early and enjoy the day with us.

Not responsible for accidents. Lunch served. Out of state buyers need cash or current bank credit letter.

Sale For
Isaac C. Snader And
Clyde H. Martin

Aucts.
Nevin Martin AU1078L
Andrew Martin AU1771L
215-445-5009

GUN AUCTION

RIFLES—SHOTGUNS—HANDGUNS
WAR MEMORABILIA—HUNTING AND FISHING ITEMS

WEDNESDAY EVENING, JANUARY 30, 6 PM
AT WILSON'S SALESROOM, 344 VALLEYBROOK RD., CHESTER HEIGHTS, PA.

PREVIEW: TUESDAY EVENING, JANUARY 29, 5 PM-9 PM.

OVER 20 SHOTGUNS FEATURING: BELGIUM BROWNINGS-12 GA (3" & 2¾"), STERLINGWORTH FOX DOUBLE BARREL (16 & 20 GA), REMINGTON MODEL 870 12 GA.

OVER 20 RIFLES FEATURING: EARLY KENTUCKY LONG RIFLE, REMINGTON MODEL 760 30.06 W/REDFIELD 2x7 SCOPE AND SLING, SAVAGE MODEL 99 300 CAL. LEVER ACTION W/SCOPE, MAUSER, .308 MOSSBERG, REMINGTON 7 M.M. CARBINE, SEVERAL .22 CAL.

OVER 20 HANDGUNS FEATURING: 2 SMITH AND WESSON 357 MAGNUMS, S & W .38 SPECIAL, GERMAN LUGER, 1944 GERMAN BERRETTA, S & W .45 CAL 6 SHOT REVOLVER, RUGER .22 CAL TARGET PISTOL, SEVERAL .32 CAL.

PLUS EVENING BULLETIN EXPRESS WAGON W/WOODEN SPOKE WHEELS, U.S.N. SWORD AND OTHERS, BAYONETS, LG. ASSORTMENT OF KNIVES, CAST IRON FARM TOYS, MANY FISHING RODS, MILITARY ITEMS.

ABSOLUTELY TOO MUCH TO LIST

GEORGE H. WILSON, AUCTIONEER
215-593-7290

CONEWAGO VIEW FARMS
PUBLIC AUCTION

SATURDAY, MARCH 9, 1991
10:00 A.M.

RD# 2 PALMYRA
SOUTH LONDONDERRY TOWNSHIP
LEBANON COUNTY, PENNA.

142 ACRE DAIRY FARM

REAL ESTATE consists of 142 acres, more or less, approximately 118 tillable acres, 50x90 modern dairy barn, 20x70 and 16x50 silos, 2½ story two family farmhouse, 40x80 shop building. Real Estate at 12:00 Noon.

FARM MACHINERY, TOOLS, VEHICLES, PERSONAL PROPERTY

LOOK FOR FULL LISTING IN FUTURE ADS

DIRECTIONS: Go 12 miles south of Lebanon on Rt. 241 to the village of Lawn, turn right onto Rt 341, go ½ mile, farm on left. See auction signs.

CONDITIONS BY: Timothy L. Tyson
Sylvajean Tyson

ATTORNEY: Michael Hill, Esq.
Joseph Michael Farrell, Esq.

AUCTION CONDUCTED BY

Ebersole & Shoop, Auctioneers

REAL ESTATE BROKERS— AUCTIONEERS
30 West Main Street
Annville, PA 17003

Nelson L. Ebersole
Lic# AU-001307-L
Phone: (717) 867-5221

Ira R. Shoop
Lic# AU-0011631-L
Phone (717) 534-2030

PUBLIC AUCTION

NEW TOOLS & EQUIPMENT

TUESDAY, JAN. 29, 1991
9:00 A.M.

Location - Diffenbach's New Holland Auction Center, 100 W. Jackson Street, New Holland, Pa.

2 6000 LB. FORKLIFTS

Truck load of new tools, Wrenches, Socket sets from 1/4" drive to 1" drive, Hammers, Power pulls, Gear pullers, Booster cables; Trouble lights, Extension cords, Tool kits, Lots of pliers & groove joint pliers, etc, Bolt cutters, Vise grips, Stanley & Lufkins tape rules, Punches, Chisels, Squares, Tubing cutters & flaring tools, Mason tools, C Clamps, Staplers, Splitting mauls, Sledge hammers, Axes, Drill press stand, Grinding wheels, Padlocks, Doorlocks, Utility & storage hooks, Tape, Paint brushes, Caulking guns, Leather nail aprons, Gloves, Tie down straps, Load binders, Snaps, Lots of air tools, Filters, Regulators, Lubricators, Air hose, Impact wrenches, Air ratchets, Air hammers; Air sanders, Air grinders Air staplers, Paint guns, Air drills, Battery chargers, Bench grinders, Hyd jacks, Hyd floor jacks, Jack stands, Engine stand, Hyd shop crane,

Body & frame repair kits, Testing Equip, Hitch bells, Arbor presses, Chain hoists, Lots of bench Vices & Drill press vices, Parts washers, Digging irons, Handyman jacks, Drill bit sets, Pallet jack, Tarps, Portable air tank, 12 ton & 20 ton Hyd shop presses, Drill presses, Belt sanders, Steel & wood bandsaws, 10" table saws, Scrool saws, Wood shaper, 6" Jointer, Shop dust collector, Mechanics creepers, 3 & 5 H P Quincy air compressors, Large tool boxes, Air circular saws, Air table saws, Air jig saws, Air cattle clippers; Lots of Yale, Weiser, Entrance, Privacy, & passage locks, Lots of vanity & kitchen faucet, Lots of common nails, 135 Gal of redwood stain, 124 pc 5'x8' sheets of Broom & White Partuch board paneling, Lots of hand cleaner

Terms By
Stoltzfus Hardware
Elam Stoltzfus, Owner

A. & C. Diffenbach Auction, Inc.
100 W. Jackson St., Box 186
New Holland, PA 17557

PHONE: (717) 355-7253 - AUCTION CENTER
(717) 354-3297 - HOME

ALAN DIFFENBACH AUCT. - AU2250-L

— AUCTION SALE —

SALE BY ORDER OF DEBTOR

CONTRACTOR'S TOOLS & EQUIPMENT

LASERS, POWER TOOLS, SCAFFOLD, WELDING, FORKLIFT, GANG BOXES, CHEVY VAN TRUCK

TUESDAY, FEB. 5 - 10 A.M.
ON PREMISES
GEMH2 - 925 PENNSYLVANIA BLVD.
FEASTERVILLE, PA.

DIRECTIONS: 95 North to Woodhaven Rd Take Woodhaven Rd to End Then Right On Byberry Rd to Bustleton Ave Then Turn Right To Street Rd. Turn Left on Street Rd to First Light Pennsylvania Ave Turn Left and Auction Site is First Building on Left

SAWS, DRILLS, GUNS, LEVELS, HAMMERS

55 Screw Guns, 17 Chop Saws, 9 Power Saws, Miter Saws Portaband Saws, Radial Arm & Table Saws, Jigsaws, 70 Power Saw Blades, Jackhammers, Boach, Skil & Rockwell Hammerdrills, Grinders, Routers Circular Saws, 4 Ramset "Ceiling Master" Guns, 9 Ramset T-100, D-60 & 4170 Guns, Hilti Guns, Hilti 7' & 12' Poles, Punch Sets, 4 7' Levels 1 - 8 Level, Level Extenders

HAND TOOLS, FASTENERS, HARDWARE, HEATERS

Fkur Scrapers, Brooms, Spades, Hoes, Rakes Stone & Sledge Hammers, Stripping Bars, Picks, Wheelbarrows Mortar Boxes, Trash Carts on Wheels, Power Vacuums Sgle Dble & Triple 1" Blocks, Rope, Hose, Cable, Crimpers Riveters, Caulk Guns, Clamps, Frame Guns, Trowels Cutters, Slings, Chain, Walkie-Talkie, Transphones, Sheetrock Staplers, Platform Scale, Water Coolers, Kerosene & Electric Heaters, Propane Space Heaters, Lock Machines, Strapping & Tools, Taping Equipment & Supplies, Electrical Cords, Pins, Screws, Fasteners, Door Hardware, Metal Studs, Ceiling Tile & Grid, Insulation

LADDERS, COMPRESSORS, SCAFFOLD, LADIVATOR

Portable Compressors, 63 Ladders 4' to 12', 90 Sections Baker Scaffold, 27 Sections Pipe Scaffold, Leveling Jacks, Toggle & Coupling Pins 8" Wheels, Scaffold Planks, Pump Jacks, Dollies, Johnson Bars, Roller Conveyor, Sheetrock Carts, 10 Steel & Wood Flat Trucks, Steel Loading Ramps 35' Electric Ladivator, Welders, Acetylene Tanks, Burning Sets, Welders Bibs & Hoods

TRUCK, FORKLIFT, LAMINATOR, GANG BOXES

1985 Chevrolet Box Van Truck, Hyster Model Spacesaver 50 Propane Forklift w/Extensions & Wishbone Loading Cradle, Vinyl Laminating Machine for Sheetrock, Steel Racking & Pallet Shelving, 30 Knack Job Site Gang Boxes

COMPUTERS, OFFICE FURNITURE & EQUIPMENT

IBM System 34 Computer, PC Computer, Conference Table & Chairs, Fireproof File Cabinets, Drafting Tables, Sgle & Dble Pedestal Desks, Handcrafted Executive Desks & Cabinets, Partitions, Calculators, Typewriters, Office Supplies, Chairs, Tables, Microwave, Portable Refrigerator, Telephone System

INSPECTION: MONDAY, FEBRUARY 4 - 9 A.M. to 3 P.M.

TERMS: COMPLETE PAYMENT SALE DAY - CASH OR CASHIER'S CHECK.

PA AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834
COMLY *Auctioneers*
WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. JAN 31 - 1PM, Antiques, Furniture, HH Goods, Atlas Snow Blower, JD Riding Tractor, Tools, located at Al Star Community Building, Willow Street, PA, Rt. 272 N. directly behind Willow St. Fire Hall, Arthur Warren Sr. Est, Miller and Siegrist, Aucts.

February

FRI FEB. 1 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

FRI. FEB. 1 - 11AM, Dairy Cow Sale, at Kling's Sale Barn Landisburg, PA, Kling's Auctions, Inc, Sale Mgrs

FRI FEB 1 - 12 30PM, Registered Jersey Herd Dispersal-60 Head Jerseys (90%), at Kling's Sale Barn, located 15 mi. N of Carlisle on Rt. 74, 2½ mi NE of Landisburg, Perry Co, PA, Jerry & Jane Schimpf, owners, Kling's Auctions, Inc.

FRI FEB. 1 - 1:30PM, Pigs State Graded Sale, Westminster, MD, Westminster Livestock Auction.

SAT. FEB. 2, 1.51 Acres M/L, Real Estate, located at 105 Meadow Valley Rd., Ephrata Twp, Lanc. Co., PA, J. Banks Musser and Lorene M. Musser, owners, T. Glenn Horst and Sons, Aucts.

SAT. FEB. 2, Mules, Driving Horses and Farm Equip., located 10 Tanyard Rd., Conestoga, PA, Elam and Sally Stoltzfus, owners, John D. Stauffer Auctions, Manheim, PA

SAT. FEB. 2 - Show 8:30-3:00, Auction 5PM, 5th Annual Farm Toy Auction, located 339 E. Main St., New Holland, PA, Dave Nolt, Auct. Mgr.

SAT. FEB. 2 - 9AM, Full Line Horse Drawn Farm Machinery, 10 Horses, 80 Dairy Cattle, etc., on farm 2 mi. W. of Selinsgrove, PA, Mr. and Mrs. Raymond Martin, owners, Fraley Auction Co., Auct.

SAT. FEB. 2 - 9AM, Modern Farm Machinery, Tools, 3 Tractors & HH Goods, located at 103 Cherry Hill Rd., take Rt 30 E. of Lancaster, PA, James W. & Dale Bowman, owners, Ron Funk and Gordon Ressler, Aucts.

SAT. FEB. 2 - 9AM, Antiques, Furniture, Collectibles, Coins, Etc, to be held within Winterstown Fire Co Hall, approx 4 mi. SE of Red Lion, PA along Rt. 24, Mr and Mrs. Mahlon Raub, owners, Bob & Tom Sechrist, Aucts.

SAT. FEB. 2 - 9:30AM, Horse Drawn Farm Machinery, Tractor, Misc & Horses, HH Items, located from Exit 14 on PA Turnpike go N. on Rt. 75, 6 mi to Dry Run, go W. on Sweetwater Rd. & watch for sale signs, John L. Hostetler, owner, Harry-Speer-Speer, Aucts.

SAT. FEB. 2 - 10AM, Masonary Equipment, 148 Paradise Lane, Ronks, PA, from Rt. 30, S. on S. Ronks Rd., to Paradise Lane bear left aprox. ¼ mi. to sale, Paul L. Zook, owner, Kreider, Kline and Good, Aucts.

SAT. FEB. 2 - 10AM, 22 Tractors, 8 Combines, Implements, Planters, located US Rt. 50, Cambridge, MD, Jones Implement Co., owners, Pete Richardson Auction Sales, Inc., Aucts.

SAT. FEB. 2 - 10AM, 140 Hi Grade Holstein Dairy Cattle, Feed, etc., located S. of Hagerstown, MD and N. of Martinsburg, WV, on I-81 to Exit #1, just E. of Rt. 68 to Rt. 63, S. 1 mi. to Falling Waters Rd., W. 2 mi. to Neck Rd., S. 2 mi. to farm, The Richard Keadle Family, owners, Robert C. Mullendore, Auct.

SAT. FEB. 2 - 1PM, Real Estate-2½ Story Brick-Frame Dwelling, located along Rt. 322, east end of Blue Ball, E. Earl Twp., Lanc. Co., PA, Glenn M. and Elsie O. Martin, owners, Nevin Z. Martin and Andrew M. Martin, Aucts.

SUN FEB. 3 - 10:30AM, Firearms Auction, Nazi German Items, located 3 mi. SE of Carrollton, OH (Canton Area) on SR 43 to Canyon Rd., turn south, Garner Realty & Auctioneers

MON FEB 4 - 9:30AM, Farm Equipment, Misc, Autos, etc, located S. of Leesburg, IN or 6 mi N of Warsaw, IN, on State Rd 15, or 34 mi. W. of Fort Wayne, IN, Polk & Sons, Inc, owner, Daryl Ball, Ted Everett, Dennis Polk, Gary Olson, Aucts

MON FEB. 4 - 6PM, Real Estate-2½ Story 4 BR House, Large Horse Barn, located 2 mi. E. of White Horse, along Rt. 340, Lanc. Co, PA, Sam Riehl, owner, Steve and Steve, Jr. Petersheim, Aucts

WED. FEB. 6 - 3:30PM, Antiques, HH Goods, Guns, located at Brickerville Fire Hall, just off Rt 322, Brickerville, PA, Kenneth & Jean Weaver, owners, T. Glenn Horst and Sons, Aucts

WED. FEB. 6 - 6PM, Wholesale Wood-Furn & Craft Items Auction. A.&C. Diffenbach Auction Inc., 100 W Jackson St, Box 186, New Holland, Pa. 17557.

THURS. FEB. 7 - 9AM, Farm Machinery & Draft Horses, located 2 mi. S. of Christiana in Lanc. Co., PA, Henry & Barbara Fisher, owners, Steve & Steve, Jr. Petersheim, Aucts.

FRI. FEB. 8 - 9AM, Farm Equipment & Supplies. A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

FRI. FEB. 8 - 9AM, Dairy Cows, Mules & Farm Machinery, located 1068 Osceola Rd., Drumore, PA, approx. 15 mi. south of Lancaster, Rt. 272, just 3 mi. S. of the Buck, turn W. on Osceola Rd., approx. ¼ mi. to sale, Elmer S. Zook, owner, Kreider, Kline and Good, Aucts.

FRI. FEB. 8 - 9:30AM, Modern Farm Equipment, Trucks, Silage, Butchering Equip., located N. of Easton & 1½ mi. N. of Martins Creek along Rt. 611 toward Mt. Bethel, Northampton Co., PA, Michael and Edith Palmer, owners, Ralph W Zettlemoyer Auction Co., Inc., Aucts

FRI FEB 8 - 1:30PM, State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc, Exit 12 East off I-81.

SAT. FEB. 9 - 9AM, Livestock, Horses, Farm Machinery and Some Household, located ½ mi. W. of Belleville, PA along Rt. 305, Kare E. Kanagy, owner, Mark Glick, Aucts.

SAT. FEB. 9 - 9AM, Horses, Horse Drawn Equip, Misc. HH Items, etc., located at 1605 Fonderwhite Rd., Lebanon, between Lebanon and Buffalo Springs, Leb Co., PA, Amos S King, owner, G Harvey Weik, Auct.

SAT. FEB. 9 - 9AM, Oak Chest of Drawers with mirror, other furniture, located at Springetts Fire Hall, 3013 E. Market St., York, PA, Gary Gladfelter, Auct

SAT. FEB. 9 - 10AM, Bankruptcy Auction-Restaurant & Bar Equip., Stereo Equip., Liquor License, located 1100 Eichelberger St., Hanover, PA, In the Matter of McCharry, Inc., TDBA Peppers, Lawrence V. Young Trustee, Gilbert and Gilbert, Aucts.

SAT. FEB. 9 - 1PM, 89 Acre Sandstone Dairy Farm, located along Martin's Dr., off Rt. 897, 1 mi. S. of Reinholds, Lucy G. (Martin) Weaver, owner, Nevin Martin and Andrew Martin, Aucts.

"Reminder"

PUBLIC AUCTION

ANTIQUES-DOLLS COLLECTIBLES COINS-PERSONAL PROPERTY, ETC.

ON

SAT., FEB. 2, 1991

AT 9:00 A.M. SHARP

AT

SPRINGETTS FIRE HALL, 3013 E. MARKET ST, YORK, PENNA.

SELLING AT ABSOLUTE AUCTION FOR 2 YORK ESTATES & OTHERS.

Preview Showing Friday Eve., Feb. 1, 6:30 P.M. to 8 P.M. & 1 Hour Prior to Auction

Not Responsible For Accidents On Day Of Auction

Terms: Cash or Approved Check.

Auctioneers:
Brian L. Gilbert #2256
Jacob A. Gilbert #336

PUBLIC AUCTION

SATURDAY FEBRUARY 16, 1991

10:30 A.M.

TRACTORS COMBINE FARM MACHINERY

LOCATION: Route 1 Jonestown, Swatara Twp., Lebanon County, Pa. From Rt. 72 North of Jonestown- East on new Rt. 22 appx. 1 mile - left onto Lancaster St. to farm on the right. From I 78 Exit 1 - west on Rt. 22 to Lancaster St. - turn right to farm.

TRACTORS: AC 185 wide front diesel - 4455 hrs. - 18.4/28 tires - front & rear weights; AC 175 wide front diesel - 1633 hrs. w/AC loader w/2 buckets; AC D17 row crop gas.

COMBINE: GLEANER F2 Corn & Soybean Special - diesel - cab - AC - 3370 hrs. w/4 row narrow corn head & 13' flex head grain platform.

TILLAGE & PLANTING: Brillion 3 pt. 7 tooth chisel plow; JD F145 semi-mtd. 4x14" plow; AC #2300 transport 28 disc harrow; Brillion cultipacker; Int. #56 4 row corn planter w/dry fertilizer; Int. #510 grain drill - 16 disc w/grass seed attachment.

HARVESTING: New Holland pto 315 baler w/58 thrower & Gandy applicator; NH 479 mower conditioner; Gehl 72 field chopper; NH Super 717 harvestor w/717R2 wide corn head; NH 3 pt. #451 sickle bar mower; **Wagons:** (2) Int. 51 forage 2 beater w/roof, (3) wooden hay side w/false fronts, (2) McCurdy gravity - 1 w/side auger and 1 flat bed; Hub 36' bale elevator; Badger hopper blower; Grimm hay tedder; NI 319 mtd. corn picker w/322 husking bed.

MISC. EQUIPMENT: Hedlund-Martin S1263 (left unload) manure spreader; NI 217 manure spreader w/hyd. tailgate; Allied 3 pt. rear blade; corn drag; 3 pt. rear weight; Meyers 8' front blade.

FARM RELATED ITEMS: WIC 5 hp elec. bale chopper (like new); Win Power 1 ph 35 KW transport generator; (4) feed carts; (16) hanging barn fans; (5) Fiberdome calf hutches w/fences; (3) hay racks; fuel tank w/pump; cow clippers; fence charger; gutter grates; (2) Lincoln welders; fence wire pipe; scrap iron; glass window blocks; tire & tow chains; 32' alum. & 40' wooden ext. ladders; wooden bolt bin; small anvil; bench grinder; Homelite chain saw; Ridgid pipe threader; welding table; hardware; Champion wood stove; barn jacks and other unlisted items.

Auction For

JAY & CAROL HERSHEY

(717) 865-7200

HARRY H. BACHMAN - Auctioneer
AU-000033-L (717) 867-1809

TERMS: CASH - checks by approval - be sure by bringing a bank letter of credit.

FOOD: New Covenant Christian School

PUBLIC SALE

OF LIVESTOCK AND FARM EQUIPMENT

SAT., FEB. 16, 1991

9:00 A.M.

Located 1½ miles West of Little Britain. Take Rt. 222 South from Quarryville 6 miles. Take left fork at Robert Fulton Tea House, third crossroad, turn right 1½ miles, along Green Lane Road, Lancaster Co., Pa.

MULES - Three pair of good looking, good working, mated molly mules; Two pair of sorrels; one pair of blacks. Good workers, well broke, sound. Mules will be sold at 12 noon.

HAY - 100 tons of 1,2,3,4 cutting alfalfa hay.

FARM EQUIPMENT

New Holland #311 baler used 2 years with motor; New Idea 206 manure spdr.; Pequea manure spdr; New Holland #456 grass mower; New Idea hay crimper; Little Giant 38' bale elevator; two Pequea hay tedders; wagon with 18' bed w/sideboards; NI 323 1R corn picker.

Cole 4-row corn planter with insecticide; Oliver radex 2-bottom 12" trailer plow; McD 24 disc harrow with new discs; small 7' cultipacker to follow disc; two spike harrows; Three gravity bin wagons on steel; Five fore trucks, two with auto turn; two McD riding cultivators;

Kawasaki 20 h.p. engine used 2 years; 400 gallon Mojonnier bulk tank; ensilage cart; four Surge milking units; Sunbeam 12Y clipper with converter; 20 Starline waterbowls; six milk cans; 12Y fencer.

Pioneer chain saw; two 2-wheel wheelbarrows; 275 gallon gas tank with pump; Gande applicator; Minnich tobacco press; Jumping cables; two chicken coops; Snow fence; Bag wagon; Two horse carriage tongue; 10 gallon driveway seal; Oak sideboard.

Sale at 9:00 A.M.
Mules at 12:00 Noon

AMOS F. MILLER

Owner
Diffenbach Aucts. 225-L
393-4464 - 355-7253

Lunch Available

Proceeds To Be Used To Pay Hospital Bills

PUBLIC SALE

OF BUILDING SUPPLIES, DOORS, WINDOWS, TRUSSES, TREATED LUMBER

ON

WEDNESDAY, FEBRUARY 6

AT 9 AM

AT GOODS AUCTION, 111 NORTH MAPLE AVE., LEOLA, PA.

200 WINDOWS DOUBLE HUNG, CASEMENT DOUBLE AND TRIPLES, BOW WINDOW, 400 DOORS STEEL AND WOOD SOME WITH GLASS, DOUBLE DOORS, DOOR WITH SIDE LITE, INTERIOR BIRCH DOORS LOUVERS AND BIFOLDS, 15 SETS OF FLOOR AND ROOF TRUSSES, ROOF SHINGLES, STAIR STEPS, PLYWOOD WAFERBOARDS, T111 SIDING, THREE TRAILER LOADS LUMBER MOST IS TREATED, 60 6X6 UP TO 24' LONG WHITE PINE BOARDS, TONGUE AND GROOVE BARN SIDING, 5 QUARTER CEDAR DECKING, STAIR RAILS, 20 FILING CABINETS, 3 TONS NAILS, DOOR LATCHES.

WILL BE SELLING WITH TWO AUCTIONEERS THROUGHOUT THE DAY.

(POSITIVELY NO CONSIGNMENTS)

HAY AND STRAW SALE
EVERY WEDNESDAY AT 11 A.M.

TERMS: CASH. NO OUT OF STATE CHECKS.
A.H. 000014-L

PUBLIC AUCTION

MASONRY EQUIPMENT

SAT., FEB. 2, 1991

10 A.M.

Location: 148 Paradise Lane, Ronks, Pa.

From Route 30 South on South Ronks Rd. to Paradise Lane, bear left, app. ¼ mile to sale.

1978 GMC SERIES 6500 DUAL WHEELS, 14 FT. BED w/DUMP
1978 CHEV. CREW CAB 4 WHEEL DRIVE, ONE TON, w/METAL RACKS
1972 CHEV. ¾ TON, 2 WHEEL DRIVE w/METAL RACKS; METAL RACKS FOR PICKUP
1977 DODGE VAN

30" Marshall Town Power Troweler; 36" Stone Power Troweler; Stone Three Bag Mixer w/8 Hrp. Honda engine; Stow Three Bag Mixer; Mullen 2 Bag Mixer; 66 Pcs. of Bilijax Metal Scaffolding 4½ ft. high 5' wide; app. 22 pcs. Metal Scaffolding 4 ft. high 40" wide; Chimney Scaffolding; Metal Concrete Chute; 5 ft., 9 ft. & 12 ft. Screeds; 25 Out Riggers; 2 Scaffolding Platforms; 10-16 ft. Scaffolding Planks; 43 - 2x10x8 ft. Planks; Mud Pans; 55 Gal. Water Drums; Acetylene Torch; 2 Reddy Heaters 100,000 & 150,000 BTU's; Honda Generator EB 5000X Output 120 to 240; app. 10 Roof Jacks; Brick Chop Saw; Rebar Cutter; Transit; Heavy Duty Concrete Rakes; Concrete Come-along; Sledge Hammers; Picks; Flat & Spade Shovels; Metal Rope & Pulley Booms; 2 Power Hoist Gas & Elec. 28 & 44 ft. Ladders; app. 30 Screw Jacks; 36 ft. Alum. Ladder; Ajay Cable Weight; Hard Hats; Air Sander; Air Paint Sprayer; Wooden Toolboxes; Nail Bins; Angle Iron racks; 1½ Hrp. Air-Mate Air Compressor; Shop Fan; Tools of all kinds; Metal Signs; 6 Wheelbarrows; Wooden Brick Wheelbarrows; Balkamp Timing Light & Dwell Meter; 300 Gal. Tank on skids.

Computer File Desk; Desk Chair; 4 Two Drawer File Cabinets; 1 Four Drawer File Cabinet; Wooden Bookcase. Many more items too numerous to mention. Refreshments available.

TERMS By:

PAUL L. ZOOK

Auction Conducted By:
Lloyd Kreider, AU000513L, 717-786-3394,
Randal Kline, Roy Good

Kreider & Kline Auctioneers

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUES FEB. 12 - 9 30AM, Farm Equipment Auction, located Haines Neck Rd, Mannington Twp., NJ, 4 mi. from Delaware Mem. Bridge (Near Pennsville), Martin R Lillya, owner, Ralph D. Hughes, Auct

TUES. FEB. 12 - 10 30AM, Modern Farm Equip, Trucks, Skid Loader, HH Goods, Antiques, located between Reading & Kutz town, ¼ mi S of Rt 73, traffic light turn off Rt 222 onto Snyder Rd., for 2 blocks to 1st farm, Howard and Arline Moyer, owners, Ralph Zettlemoyer, Aucts

TUES. FEB. 12 - 12Noon, Tools, Trucks & Office Equipment, located at 215 W. Main St., Leola, PA, Lanc. Co., Conestoga Agri-Systems, Inc., owners, T. Glenn Horst and Sons, Aucts.

WED. FEB. 13 - 9AM, Consignment Farm Equip & Hardware-Kirkwood Repair Shop, 552 Coopers Dr., Kirkwood, PA, Samuel K Zook, owner, Blaine Rentzel and Dennis Wolgemuth, Aucts

THURS FEB 14 and FRI FEB 15, Two Day Sale of Farm Equipment, etc, at Marion, PA, Ralph W Horst, Mgr.

THURS. FEB. 14 - Tack 8AM, Horses 12Noon, PA Draft Horse and Mule Sale, at PA State Farm Show Building, corner of Cameron and McClay Sts, Harrisburg, PA, Elmer D Lapp and W David Keller

THURS FEB. 14 - 9AM, Registered High Grade Holsteins, Farm Machinery, Milking Equip. & Horses, located N of Bird-In-Hand, PA, Amos K. and Sara K Beiler, owners, Steve and Steve, Jr Petersheim, Aucts

FRI FEB. 15, Complete Line of "like new" JD & NH Farm Machinery, Trucks & Misc. Items, located RD 1, Lykens, Dauphin Co., PA, Robert J & Jean L Rodichok, owners, Kling's Auctions, Inc, Sale Mgrs.

FRI. FEB. 15 - 10AM Horse Sale, at New Holland Sales Stables, New Holland, PA.

FRI. FEB. 15 - 1:30PM, Pigs State Graded Sale, Westminster, MD, Westminster Livestock Auction.

SAT. FEB. 16 - 9AM, Livestock and Farm Equipment, located 1½ mi. W of Little Brittian, take Rt. 222 S from Quarryville 6 mi, take left fork at Robert Fulton Tea House, 3rd crossroad, turn right 14 mi. along Green Lane Rd., Lanc Co, PA, Amos F. Miller, owner, Diffenbach's, Auct

SAT. FEB. 16 - 9AM, Farm Machinery and Antiques, located 340 Hollow Rd., New Providence, PA, take Rt 272 S. of Lancaster, aapr 13 mi. turn left on Truce Rd. to 2nd crossroad midway between Truce and New Providence, Ai Rorabaugh, Jr., Kreider, Kline and Good, Aucts.

SAT FEB. 16 - Tack 9 30AM, Horses 11AM, at the Belleville Livestock Mkt., Belleville, PA, selling work horses, drivers and meat horses, Mark Glick, Auct.-B.L. Mkt.

SAT. FEB. 16 - 10AM, Farm Equipment, Tools, located along Rt. 897, 1 mi. S of Terre Hill, Isaac Snader, Clyde H. Martin, owners, Nevin Martin and Andrew Martin, Aucts

SAT. FEB. 16 - 10AM, Mules & Farm Equipment

½ Mi. Northwest Of Little Britain For Amos F. Miller (On The Premises). A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 485, New Holland, Pa 17557.

SAT. FEB. 16 - 10:30AM, Estate of Orville Dey-Farm Machinery and Shop Tool Auction, Pirrung Auctioneers, Inc, Aucts

SAT. FEB. 16 - 10 30AM, Full Line of Modern Farm Machinery, located along Cedar Grove Rd, Juniata Co., just off the Port Royal Exit of 322, Wilmer D and Erma K Graybill, owners, Bryan D Imes, Auct

SAT. FEB 16 - 11AM, Lots of Luck Jersey Farm Complete Dispersal-103 Reg Jerseys, Stephen and Diane Mundrick, owners, Wood's Auction Service, Aucts

MON FEB 18 - 9 30AM, Full Line of Farm Machinery, located at 2948 Back Run Rd, Manheim, PA, Richard & Joyce Hess, owners, Jim Hershey and Raymond Miller, Aucts.

MON. FEB 18 - 10AM, Full Line of Farm Equip, located 2948 Back Run Rd., Manheim, PA, Richard and Joyce Hess, owners, Jim Hershey & Raymond Miller, Aucts.

MON. FEB. 18 - 11AM, Modern Potato Farm Machinery Auction, located Middletown, DE, Rutkoske Brothers, owners, Pirrung Auctioneers, Inc, Aucts

TUES. FEB. 19 - 9AM, Livestock and Farm Equipment Located ½ Mile South Of Nickle Mines, 1 Mile North Of Rt. 896 From Georgetown, Lanc. Co. For Mrs. Jonas King And Reuben B. Fisher. (On The Premises). A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 485, New Holland, Pa 17557.

TUES. FEB. 19 - 9AM, Work Horses, 46 Head Holsteins, Farm Machinery and Some Furniture, located 2½ mi. E. of Belleville, PA turn S. off Rt. 655 onto Spring Run Rd., ¼ mi. to farm, Urie D Swarey, owner, Mark Glick, Aucts.

TUES. FEB 19 - 9AM, Farm Machinery, Dairy Herd and Draft Horses, locatred 2 mi NW of Lititz, PA, Daniel & Annie Stoltzfus, owners, Steve and Steve, Jr Petersheim, Aucts.

WED FEB 20, Farm Machinery, Holstein Herd, Mules, HH Goods and Antiques, located N of Terre Hill, Lanc. Co, PA, Steve and Steve, Jr Petersheim, Aucts

WED FEB 20 - 11AM, Feed Manufacturing & Grain Storage Equip, located 300 S CArlisle St, Greencastle, PA, E L M Feeds, Inc -John C Eshleman, owner, Stull, Auct.

THURS FEB 21, Farm Equipment, Dairy Cattle, located Greencastle, PA, Harland & Rebecca, Widrick, owners, Melvin Sensenig and Nevin Martin, Aucts

THURS FEB 21 and FRI FEB 22 - 8 30AM Both Days, Antique Tractors, Engines, New-Used and Abused Farm Equip, located 10 mi E of Lancaster, 2½ mi W of New Holland, turn off Rt 23 of S Groffdale Rd, left on Musser School Rd., Lanc Co, PA, Elias S. Beiler, owner, Robert E. and Jeffrey R. Martin, Randal Ranck, Blaine and Nevin Rentzel, Bob and Dennis Wolgemuth, Freddy Goodrich, Aucts.

FRI. FEB. 22 - 9:30AM, Dairy Herd, Horses and Farm Machinery, located 4 mi S. of Belleville, PA or 2 mi. E of Allensville, PA along Rt. 655 at the former Hooker Farm, Mr. and Mrs Benjamin L. Peachey, owners, Mark Glick, Aucts

FRI. FEB. 22 - 11:30AM, Modern Farm Equipment, Skid Loader, located between Kutztown & Reading just S. of Farmer Brown's, turn E. off Rt. 222 at Keller's Mobile Sales onto N. Richmond Rd., go 1.4 mi to farm, Berks Co, PA, Norman & Alta Zimmerman, owners, Ralph W Zettlemoyer, Aucts

FRI FEB 22 - 1 30PM, State Graded Feeder Pig Sale, Carlisle Livestock Market, Inc, Exit 12 East off I-81

SAT FEB 23, Farm Equipment and Household Goods, located along Sheep Hill Rd, ½ mi South of East Earl, Ivan Z and Barbara S Martin, owners, Nevin and Andrew Martin, Aucts

SAT FEB 23, Farm Machinery, Tools, Tractors, etc of the late Harold Brooks, located 3 mi N of Montoursville, PA, Clara Brooks, owner, Fraley Auction Co, Aucts

SAT FEB 23, Farm Machinery, Trucks & Equip, located Dillsburg, PA, Carl Sultzbaugh & Rick L Cook, owners, Kling's Auctions, Inc, Sale Mgrs

SAT FEB 23, Inventory Reduction, located Woodcorner Rd, Ephrata, PA, Key-Aide Distributors, owners, Paul E Martin Auction Service, Aucts

SAT FEB. 23, 17th Annual Public Sale of Farm Equip, Tools, Hay, Straw, Building Materials, Horses, Mules, Fruit, HH Goods, Antiques, Quilts, etc, located 46 W Main St, Strasburg, by the Strasburg Fire Co

SAT FEB. 23, Farm Equipment, located between Villages of Mastersonville and Colebrook, on Harvest Rd., just off Colebrook Rd., Leb Co, PA, Duaine and Doris Houck, owners, Rufus Geib and Curt Shenk, Aucts

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Public Sale

Edwin Horning & Sons

Tuesday, Feb. 26, 1991

9 O'Clock

Late Model Tractors
& Farm Machinery

Watch For Full Listing Next Week!

ABSOLUTE
BANKRUPTCY AUCTION
ABSOLUTE

GROCERY STORE EQUIPMENT

ON

THURSDAY, JAN. 31, 1991

AT 10 A.M.

Located at 45 W. Hanover St., Gettysburg, Pa. (Along Rt. 116 in Bonneauville, between McSherrystown & Gettysburg.)

In The Matter Of: J&J Market, Inc.
BK# 90-5-0653-JS

The following will be sold at absolute auction-

GROCERY STORE EQUIPMENT

1- 12' Hill Produce Case, 2- 8' Hill Produce Cases, 2- 12' Hill Dairy Cases, 4- 8' Hill Frozen Food Coffins w/super structure, 2- 12' Hill Frozen Food Coffins w/super structure, 2- 8' Friedrich Deli Cases, 2- 12' Single Deck Meat Cases, 1- 12' Multi Deck Meat Case, 12' Formica Deli Counter/Cabinet, 2- Hobart Slicers, 1 Deli Wrapper, 1- Biro Band Saw, Barbecue King 4' Chicken Warmer, 3 Sweda digital Scales, 4 Sweda cash registers, approx. 150 lineal feet Gondola Shelving, Approx. 40 Shopping Carts, 1- 6' & 1- 4' Stainless meat cutting table, Meat Wrapper, Hobart Meat Tenderizer, Biro table model Meat Grinder, Meat Cooler shelving 16 lineal feet, 2- Dunham-Bush Condensing Coil med. temp., 2- 4' aluminum storage racks, 3 compartment stainless sink, auto clothes washer, Time clock, 5' Frozen Food Condensing Coil, Hobart Scales, Wrapping table, Rivett Mini Compactor/Bailer, 4' Table Model Warmer, Restaurant Grill & Fryer, Steel dock ramp, Compressors, Pallet Mule, Kitchen Exhaust System, Cole 4 drawer file cabinet, metal desk, Kelvinator elec. stove, asst. metal trays, Gas & Credit Card console, Misc. shelves & display racks, Misc. signs, Candy display, Film drop off rack, 3 check out conveyors/ counters, Grocery push carts, safe. Doors open 9 A.M. day of auction.

Not responsible for accidents on day of auction.
REMOVAL DATE: Monday, Feb. 4 from 9 a.m. - 4 p.m.

Terms: Cash or approved check. No out of town or out of state checks unless accompanied by a current letter of guaranteed payment from your bank.

Richard Kremen, Trustee
(301) 576-2457

Gilbert & Gilbert Auctioneers
Brian L. Gilbert Lic. 2256
Jacob A. Gilbert Lic. 336
Ph. 252-1656

ABSOLUTE
PUBLIC AUCTION

COMPLETE LIQUIDATION OF WEST SHORE HARDWARE CO.

MONDAY, JANUARY 28, 1991

6:00 P.M.

Located at 1512 Bridge Street, New Cumberland, PA.

INVENTORY & FIXTURES

OVER 35 GALS. BRUNING PAINT INTERIOR/ EXTERIOR ASST. COLORS, STANLEY SOCKETS, WRENCHES, SCREW DRIVERS, TAPE MEASURES, ETC. RUSTOLEUM SPRAY PAINT, ILCO KEY MAKING MACHINE & BLANKS, LAWN & GARDEN TOOLS, HAMMERS, PLIERS, SNOW SHOVELS, PAINT MIXER, PAINT SHAKER, GARDEN SPRAYER, ORTHO LAWN & GARDEN CHEMICALS & FERTILIZERS, CHRISTMAS ITEMS, MAIL BOXES, FANS, MINWAX STAINS, PAINTING SUPPLIES, CAULKING, NUTS & BOLTS, HINGES, CABINET HARDWARE, 3M SANDING BELTS, SAND PAPER, FLASHLIGHTS, LAWN MOWER BLADES & PARTS, SAKRETE MORTAR MIX, 30-80 LB. BAGS SAKRETE SAND MIX, 25-40 LB. BAGS SAKRETE SAND MIX, SAKRETE BLACKTOP, LAWN SPREADERS, LOCKS, LIGHT BULBS, ELECTRICAL SUPPLIES, MASONRY TOOLS, GAS CANS, WEATHER STRIPPING, ROPE CHAIN, DRAPERY HARDWARE, NUMBERS, LETTERS, WINDOW INSULATING KITS, TAPE, GLUE, LOCK SETS, FURNACE FILTERS, PLUMBING SUPPLIES, WINDOW SCREENS, CORONA KEROSENE HEATER, 2¼ -HP SUMP PUMPS, NAILS, STOVE PIPE, HAMMER HANDLES, STAPLES, BATTERIES, FAN BELTS, PHONE ACCESSORIES, MISC. HAND TOOLS, WOODEN DOWELS, PAPER BAGS, COPPER FITTINGS, METAL DESK, 4 DRAWER FILE CABINET, 2 UTILITY CARTS, PLUS OTHER ITEMS.

FIXTURES

OVER 20 SECTIONS METAL SHELVING, 22 SECTIONS 3' GONDOLA SHELVING, ASST. DISPLAY RACKS, 2 ANTI-THEFT MIRRORS, EXECUTONE PHONE SYSTEM, MOORE RECEIPT WRITER, TEC MA215 ELECTRONIC CASH REGISTER.

INSPECTION DAY OF SALE ONLY AFTER 4:00 P M

AUCTION FOR:

WEST SHORE HARDWARE CO.
ROBERT E. PELLMAN, OWNER

JEFFREY L. KNOSP, CAI
AU 1710L

KERRY PAE AUCTIONEERS
Harrisburg, PA
(717) 234-5252

PUBLIC SALE
TUESDAY, MARCH 5, 1991

9:00 A.M.

COMPLETE HI-GRADE HOLSTEIN DAIRY HERD DISPERSAL

Located 3½ miles South of Strasburg. Take May Post Office Road South from Strasburg Square 3 miles, turn right at Weaver Rd., turn left on Eisenberger Rd. to sale.

55 HEAD OF HOLSTEIN DAIRY CATTLE 55
35 MATURE COWS 10 BRED HEIFERS
10 HEIFERS FROM 8 WEEKS TO BREEDING AGE
1 SERVICE BULL

A good young herd of 99 percent home raised animals. Rolling herd ave. 17,000 lb. mostly 1,2 & 3 calf cows; half of herd fresh from Oct. to sale day, balance due through out year. 8 with 20,000 lb. records. Heifers sired by Sundancer; Troy; Batchlor; Tri Fecta; Star War; and Belltone. Bull from Lutz Brooh-View Bell Rex.

FARM EQUIPMENT

New Holland super 68 baler with engine in good cond.; Int. #100 Pitmanless bar grass mower with engine; Dellinger 16" ensilage cutter; Gooseneck for ensilage pipe; Five ton elevated metal feed bin; 60 & 300 gallon galvanized water tubs; Smoker 24' elevator; Farm Built steel wheel wagon, 16' bed w/sides; Auto turn fore-cart with brakes; Int. 2-row corn planter; spring wagon; Portable Hyd. unit, with hoses and motor; Platform scales; Pea & Beam scales; Minnich tobacco press; 4000 tobacco lath; Tobacco spears; Shovel harrow; 2,3,4,6 horse hitches; Electric motors; Stable fan w/gas engine; Bag wagon; Partner S-50 chain saw with 16" blade; Solo back pack mist blower w/engine; 200' of ¾ " plastic pipe; 6Y &12Y generator-battery charger; Fence wire reel on wheels; Fiberglass & steel fence posts w/insulators; 4AM air motor; ½ " impact wrench; Hyd. valves and fittings; Bolt cutters; Coleman lanterns; Forks; Shovels.

HOUSEHOLD ITEMS

Recliner; Books; Games; Toys; Nat'l Geographic 1950 to 1980; Jars; Water skis; Baby couch; Flower pots; Some Antiques.

DAIRYING EQUIPMENT

Girton D-4 600 gal. bulk milk tank; 3 Westfalia 60 lb. milker pails, w/ DeLaval pneumatic Pulsation; 3 h.p. compressor w/water condenser; Boumatic FR3A vacuum pump; Bender claw washer; 8 can milk cooler; Vacumn Rex regulator; Stainless pails and strainers; 6V & 12V Par Mac fenders; 1-12V solar power fencer; 3-plastic water bowls; Sunbeam 12V #510 clippers; cow trainers; can't kick; 2-feed carts; ensilage cart; Milk scales; 2-round hay racks; 2-calf hutches; Mineral feeder; Stoltzfus feed boxes f/cow stable; L.P. gas water heater; Stainless tubs; and MANY OTHER ARTICLES, 3 Ton stub hay.

***LEVI S. FISHER*, Owner**

Sale at 9:00 A.M. - Cows at 11:00 A.M.
Henry Kettering - Records
DIFFENBACH AUCT. - 225-L

Good Food Available

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT. FEB. 23 - 9AM Sharp! Farm Machinery, Tools, Truck, Milking Parlor, HH Items, Complete Dispersal, located off Rt 30 at York, PA, taking Rt 74 N. 3 mi to Brooks Drugstore then turn W. ½ mi to sale, Mr. and Mrs. William A Gerber, Jr., owners, Clair R Slaybaugh, Auct.

SAT. FEB. 23 - 9AM, Wedding Shop Dispersal Sale, Large Plate Shear and Other Shop Equipment, from Waldorf take 301 S., turn left on Rt 234, 8 mi. to sale site, St. Mary's Co., MD, Sam U. Stoltzfus, owner

SAT FEB 23 - 9 30AM, Butchering & Farm Equip , Farm Body Wagon, Antiques, Snowmobiles, Ford Truck, locatd 12 mi NW of Allentown, Heidelberg Twp , Lehigh Co , PA, follow Rt 309 N from Allentown, in the village of Pleasant Corners turn right onto Bake Oven Rd , proceed 1 7 mi thru Germansville to Railroad St , turn right & proceed 1 3 mi to farm, Diana M Wessner, owner, Ralph W Zettlemoyer, Aucts

SAT FEB 23 - 10AM, Farm Equip , Hay, Grain, HH Items, located 4 mi E of Millersburg, Midway between Rt 209 and Rt 25, take Klinger Rd , Earl S Gantz and Marie E Gantz, owners, Deibert Auctioneers.

SAT FEB 23 - 12Noon, 4 Acre Horse Farmette, located Moonshine Rd , RD 2, Box 4378, Jonestown, Union Twp , Leb Co , PA, Mt Airy Development Co , Inc , owners, Ebersole & Shoop, Aucts

SAT FEB. 23 - 1PM, RE-(6) 1 acre plus or minus lots, Souther York Co , Samuel & Arie Stoltzfoos, onwers, Elton Horning and Ronald Bard, Aucts

MON. FEB 25, Tractor and Farm Machinery, Rt. 501 S. of Myerstown, Leb. Co., PA, Wenger's Farm Machinery, Inc., Harry Bachman and Blaine Rentzel, Aucts

MON. FEB. 25, Farm Equipment, located 435 W Burkholder Dr , Lititz, PA, Raymond K. Burkholder, owner, Paul E Martin Auction Service, Aucts.

MON. FEB. 25 - 11AM, Farm Equipment, located Becks Landing Farm, from Chestertown Rt 213, take Rt. 20 for 2½ mi to Langford Rd , turn left on Rt. 446 for 5 mi. to farm on left, Chestertown, MD, Henry J Potts, owner, Harry Rudnick & Sons, Inc , Aucts

MON FEB. 25 - 11 30AM, Modern Farm Equipment, Antique Tractors, located approx 5 mi E of Pottstown, take Rt 422 E from Rt 100 approx 5 mi , get off at the Limerick Linfield Exit, go ¼ block N , turn onto Linfield Trappe Rd , apprx 1 mi to farm Montgomery Co., PA, Paul and Florence Weaver, owner, Ralph W Zettlemoyer, Aucts

TUES. FEB. 26, Herd of Reg Holsteins, Full Line of Farm Mach., located Clearfield Rd., Lanc Co., PA, Jacob S. Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts

TUES. FEB. 26, Farm Equipment and Household Goods, located 2 mi. N. of Leola, turn off Rt. 23 on N. Quarry Rd. turn left on Stormstown Rd., 2nd lane left, Benuel K. King, owner, Robert E. Martin, Jeffrey R. Martin, Aucts., Randal Ranck, Appr.

TUES. FEB. 26 - 9AM, Horses, Machinery, Dairy Equip., Some Furniture, located in Centre Co., ½ mi. N. of Rebersburg, PA along Rt 880, C.J. and Mose Stoltzfus, owners, Mark Glick, Aucts.

TUES. FEB. 26 - 9:30AM, Late Model Farm Machinery and Tractors, located in Lanc. Co., Ephrata, PA along Meadow Valley Rd., Edwin Z. Horning & Sons, owners, Blaine Rentzel, Ed Goodrich & Joe Brown, Aucts.

TUES. FEB. 26 - 10:30AM, Farm Equipment, Saddles & Harness, located 3 mi. W. of Easton, take Rt. 33N from I-78/Rt. 22 at the Hecktown Exit, at stop sign turn R., go .3 mi. turn left onto Country Club Rd., go 1.3 mi., turn left onto Church Rd., cross over top Rt. 33 for .7 mi. to farm, Northampton Co., PA, Dr George & Mildred Laubach, owners, Ralph Zettlemoyer, Aucts

WED. FEB. 27, Full Line Clean Modern Farm Machinery, 3 Oliver Tractors, etc., on farm 3 mi. E of Danville, PA, Ralph Cotner, owner, Fraley Auction Co., Aucts.

WED FEB. 27 - 9AM, Full Line of Horst Drawn FArm Machinery, 6 Head of Mules, 3 Flat Bed Wagons, Few HH Goods and Antiques, located 2 mi. W of Morgantown, Christ E. and Rebecca Stoltzfus, owners, Steve and Steve Jr. Petersheim, Aucts.

THURS. FEB. 28 - 9AM, 6 Horses, 50 Head Holsteins, Farm Machinery and Some Furniture, located in Mifflin Co., 3/4 mi. SE of Allensville, PA on Zook Rd., Korie N. and Elizabeth Yoder, owners, Mark Glick, Auct.

THURS. FEB. 28 - 11AM, Veg. Farm Machinery Auction, located Rt. 535, Cranbury Rd., Opposite Middlesex Cty. Fair Grounds. 5½ mi. NW of Jamesburg, NJ, Joe Konuk, owner, Col. Fred R. Daniel, Aucts.

March

FRI. MAR. 1 - 9AM, Machinery On Consignment at the Belleville Livestock Mkt., Belleville, PA, Mark Glick, Auct.

FRI. MAR. 1 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

FRI. MAR. 1 and SAT. MAR. 2 - 10AM Both Days, 21st Annual Consignment Auction-All Types of Farm Equip, Large Tractors, Combines and Implements, located on Cohansey-Friesburg Rd., Elmer, NJ, Blaine Rentzel, Auct.

SAT. MAR. 2, Woodworking Machines and Carpentry Tools, located along E. Black Creek Rd., off Rt. 625 near Bowmansville, Mrs. Clemont Leibach, owner, Paul W. and LeRoy S. Horst, Aucts.

SAT. MAR. 2, Farm Equipment, Tools, HH Goods, located 351 E. Mill Ave , Myerstown, PA, Ivan M. and Esther Weiler, owners, Paul E. Martin Auction Service, Aucts.

SAT. MAR. 2, Martin Bros Annual Sale, 135 Dairy Cows & Heifers, consigned farm machinery, etc., 3 mi S. of Selinsgrove, Ethan & Carson Martin, owners, Fraley Auction Co., Aucts.

SAT. MAR. 2 - 8.30AM, 27th Annual Bart Twp. Fire Co. Sale, Farm Equipment, Tools, Antiques, Quilts, Dry Goods, HH Goods, located in the village of Georgetown, 6 mi. SE of Strasburg along Rt. 896 (Lanc. Co., PA), Local Auctioneers.

SAT. MAR. 2 - 8:30AM, Farm Equip., Antiques, HH Goods, located turn off Main St., in Kutztown at traffic light onto Noble St., go past the Fire House, continue to Deisher Rd., go 1 mi. on Deisher Rd. to farm in Maxatawny Twp., Berks Co., PA, Paul & Verna Sauder, owners, Ralph W. Zettlemoyer, Aucts.

SAT. MAR. 2 - 9AM, Wood Working Machinery, Carpenter Tools and Supplies, located along E. Black Creek Rd., Rt. 23 turn N. on 625, 4 mi. to Black Creek Rd., 2 mi. S. of Bowmansville, PA, Mrs Clement Leinbach, Paul W. Horst and LeRoy S. Horst, Aucts.

SAT. MAR. 2 - 9AM, Farm Equip. and Tractor Consignment Auction, located at Messick's Farm Equipment, Rt. 283 at Rheems Exit, Lanc. Co., PA, Raymond Miller & Jim Hershey, Aucts.

SAT. MAR. 2 - 9AM, Household Items, Lot of Good Oak Furniture, at Lemaster Community Center, Lemaster, Franklin Co., PA, J. Robert Meyers, Auct.

SAT MAR. 2 - 9 30AM, Modern JD Farm Equip and Ear Corn, located 4 mi S. of Lock Haven, PA, off Rt. 64 at Lamar, Mr. and Mrs. Robert Martin, owners, Ron Gilligan, Auct.

SAT. MAR. 2 - 10AM and 2PM, Lancaster Co Farms, 10AM-Mastonville Farm, located along Wisgarver Rd., Rapho Twp., 80 5 Acres; 2PM-Auction Farm, located along Rt. 72 S. of Manheim, at the corner of Rt 72 and Auction Rd., Penn Twp , 45.8 Acres, Trustees Under The Will of Naomi N. Risser, T. Glenn Horst and Sons, Aucts.

PUBLIC SALE

OF

ANTIQUES, HOUSEHOLD GOODS

BRICKERVILLE FIRE HALL

WED., JANUARY 30, 1991

AT 3:30 P.M.

Sale to be held at the Brickerville Fire Hall, located just off Rt. 322, approx. 8 miles west of Ephrata, Brickerville, Lanc. Co., PA.

FURNITURE: Grained Blanket Chest; Waterfall Bedroom Suite; Oak Dressers, Chairs & High Chair; Empire Bureau; Marble Top Table; Nursing Rocker; Miniature Chest; Trunk; ELECTRIC LIFT CHAIR; Porcelain & Formica Breakfast Sets; Sewing Machine; Piano Stool; Brass Clothes Tree; YAMAHA ELECTRIC ORGAN; Porch Rockers; Flat Irons & Trivets.

CHINA & GLASSWARE

Wash Bowl Set; Lg. Sponge Spatter Cup & Saucer; Ironstone; Fiesta; Heisey Berry Set; Cut Glass; Depression, Pressed & Pattern Glassware; Fostoria; Blue Willow; Limoges; Shaving Mug; Apothecary Jar; Stoneware Jug; Crocks & Jugs; Demijohn.

LINENS: 1837 Woolen Coverlet (Broken Seams); Quilt; Fancywork.

TOYS: Hubley Car; Structo Cattle Truck; Marx Armed Forces Training Center; Pull Toys; Tonka Steam Shovel; Wallace Nutting Prints; Stereo Viewer; Pictures.

BOOKS: 1837 Lanc. Martyr's Mirror; 1871 Menno Simons; Post Cards.

TOOLS: Wooden Wheelbarrow; Iron Kettle; Hand Tools; Gun.

Terms By:
MARY FRY ESTATE

HORST AUCTS.
AU438L
T. Glenn
Timothy G. 859-1331 — 738-1245
Thomas A. *"VOICES OF EXPERIENCE"*

4 ACRE HORSE FARMETTE

PUBLIC AUCTION

SAT., FEBRUARY 23, 1991
12:00 NOON

MOONSHINE ROAD, RD#2, BOX 4378
JONESTOWN, UNION TOWNSHIP
LEBANON COUNTY, PENNSYLVANIA

Real Estate: Consists of 4.62 acres of open grassland located on the north side of the Blue Mountains. Improvements thereon being a 2½ story aluminum sided farmhouse with new roof and new oil hot water furnace, newly redecorated interior with new floor coverings, 3 bedrooms, 2 baths, eat-in kitchen, living room, and TV room.
Other buildings include a new 20'x20' horse barn with 2 professional box stalls and a drive-in bay. The property is zoned open space and timber conservation which allows agriculture and horses.

Inspection: By calling auctioneers (717) 867-5221 or (717) 534-2030.

Terms: 10% down day of the auction. Balance due on or before March 30, 1991. Announcements made the day of the sale take precedence over advertised matter.

Directions- Go nine miles north of the city of Lebanon on Route 72 to the village of Lickdale, continue about 2 miles north of Lickdale and turn left onto Rt. 443. Go 1.8 miles, property on left. See auction signs.

Conditions By:
Mt. Airy Development Co., Inc.
Attorney: Jon Gruber, Esq.

AUCTION CONDUCTED BY:

Ebersole & Shoop, Auctioneers

REAL ESTATE BROKERS — AUCTIONEERS
30 West Main Street
Annville, PA 17003

Nelson L. Ebersole
Lic# AU-001307-L
Phone: 867-5221

Ira R. Shoop
Lic# AU-0011631-L
Phone: 534-2030

PUBLIC SALE

OF MULES — HORSES — FARM EQUIPMENT

TUESDAY, FEB. 19, 1991 — 9:00 A.M.

Located 6 Miles South East Of Strasburg, 1 Mile North Of Georgetown, Between Nickle Mines And Georgetown Along Mine Rd., Lanc. Co., Pa.

HORSES & MULES

14 Mules, (4 Pairs). All good workers; 2 driving horses.

FARM EQUIPMENT

New Holland #311 Baler w/Kawasaki motor overhauled 1 year ago; Case 900 tractor, with pulley, on steel; White Horse Hyd. plow, overhauled; Mc D corn binder with loader; New Holland #456 grass mower with hydraulic lift and 4 cy. Wisc. engine; Brillion 8' small grain seeder; Field sprayer, with Kawasaki eng. and 10 row boom; Mc D #9 Ensilage cutter; 2 Pequea manure spdrs; Elam Stoltz. Pit manure spdr.; Zook sprd. for liquid only; 2 Good JD KBA disc harrows; 2-Little Britian harrows 9'x12'; 8' & 9' cultipackers.
2- New Holland #256 Hay rakes; New Holland #402 crimper; 2-Crimpers f/parts; 16' Kuhn hay tedder; Zimmerman 32' elevator; 16' portable Farm Built hay rack; 4-steel wheel wagons with 16' beds; Mc D #7 grass mower; 2-Two bottom 14' trailer plows; Tobacco sprayer with engine; 3-Auto turn fore-trucks; Airplane propeller drying fan; spike harrow.
2-New Idea Tobacco planters; J.D. #999 plateless corn planter; 2-Mc D riding cultivators; Manure drag; Manure elevator; 3-Round steel hay racks; Mud mixer with engine; 3-water tanks - one 4000 gal.; Hack buggy; Arkfeld 400 lb. Hog scales; Stone cart; Kawasaki 14 h.p. engine; scraper blade; log roller; 2-calf hutches; Shovel harrow; New Lapp no-freeze waterer; Calf crates; Milk cans.
Mc D & Papec cutters f/parts; Brillion seeder parts; Sixteen sets of harness; Driving harness; 1,2,3,4,5,6,7, Horse hitches; Minnich & other tobacco presses feed and ensilage carts; Calf Hutches; Forks; Shovels; Belts; Chicken crates; Pulleys; etc.

75 COLLARS — 12 IRISH COLLARS

Portable air compressor w/diesel engine; Lincoln welder; Rockwell Model 10-10' Band saw; Craftsman 6' joiner; Torch on cart; Industrial shaper w/3/4' spindel - (as is); Rockwell 10' table saw; Kawasaki 5 h.p. engine; Welding table; New iron kettle; Meat stuffer; 2-Ashley shop stoves; Warm morning heater; 12- 20' 3x6 tobacco rails.

REUBEN B. FISHER
MRS. JONAS KING JR.
Owners

Sale 9:00 A.M.

DIFFENBACH AUCT'S- 225-L
(717) 393-4464
(717) 355-7253

LUNCH STAND BY NEIGHBORS

Public Auction

Due to ill health & discontinuing farming, will sell located South of Hagerstown, Md. & North of Martinsburg, W.Va. on I-81 to Exit #1, just east on Route 68 to Route 63, south 1 mile to Falling Waters Rd., west 2 miles to Neck Rd., south 2 miles to farm.

Sat., Feb. 2, 1991
At 10:00 A.M.

140 Hi-Grade Holstein Dairy Cattle 140

Consisting of 118 cows of which 23 are fresh since Dec. or close to freshening by sale, 20 dry cows, balance in different stages of lactation. 6 bred 1st calf heifers due in March, 15 open heifers from 6 months to breeding age, 2 white face & 1 Holstein steer from 600 to 900 lbs. Reg. son of Ned Boy herd sire.

This is a mostly young herd of which 63 are 1st, 2nd, & 3rd calf cows. All animals 3rd. calf & below are calfhood vac.

This is an exceptionally well uddered herd with excellent dairy character, butterfat test of 4.0 or better, low somatic cell count - a real working herd.

Bangs & T.B. tested for interstate shipment.

Pregnancy examined by vet. Sale held in tent. Loading chute available.

Feed

Approx. 2500 bales of timothy hay, all round bales of mixed hay & straw left by sale, approx. 100 ton of corn & sorghum silage, approx. 1500 bu. of ear corn by ton, barley & oats left by sale.

Sale Order: Dairy cows, heifers, feed. Machinery sale to be held Sat. March 9, 1991.

Terms: Cash or approved check. Not responsible for accidents.

The Richard Keadle Family
R1 Box 245 A1
Williamsport, MD 21795
Phone 301-223-9652

Auctioneer: Robert C. Mullendore
Boonsboro, Md.
Phone 301-582-0546

Clerk: C.L. Metz

Lunch Rights By
Dowasville Puritan Club

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAR. 2 - 1PM, RE-3.9 Acre Farmette, located Rt. 22, approx. 5 mi. S. of Quarryville, left on Fulton View Rd., Right on Clendenin Rd., David and Karen Norgard Golden, owners, Kreider, Kline and Good, Aucts.

MON. MAR. 4 - 10AM, Line of Farm Machiney and some Dairy Equip., located in Huntingdon Co., turn N. off Rt. 305, ½ mi. E. of Petersburg, PA, cross bridge turn right 3/4 mi. to farm, Allen and Margaret Ingle, owners, Mark Glick and Dale Gibboney, Aucts.

MON. MAR. 4 - 10 30AM, Equipment Auction, located Lima (Livingston Co., NY, Mr. and Mrs. Helmuth Werner Complete Potato and Grain Farm, Pirrung Auctioneers, Inc., Aucts.

TUES. MAR. 5, 9AM, Dairy Cows and Farm Equipment, 3 miles south of Strasburg along Eisenberger Road for Levi S. Fisher (On the premises). A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 485, New Holland, Pa. 17557.

TUES. MAR. 5 - 9AM, Complete Hi-Grade Holstein Dairy Herd Dispersal, located 3½ mi. S. of Strasburg, take May Post Office Rd. S. from Straburg Square, 3 mi turn right at Weaver Rd., turn left on Eisenberger Rd. to sale, Levi S. Fisher, owner, Diffenbach's Aucts.

TUES. MAR. 5 - 10AM, Complete Line of Quality Modern Farm Machinery, Generator, Tools, Farm Related Items, located at 180 Horseshoe Pike (322), W. Cornwall Twp., Leb. Co., PA, ½ mi. W. of Quentin, 2½ mi. E. of Fontana, Robert & Lois Kreider, owners, Mays Kurtz, Jr. and Earl Buffenmyer, Aucts.

WED. MAR. 6, Farm Machinery Dispersal, located Loysville, Perry Co., PA, Barclay Bros., owners, Kling's Auctions, Inc., Sale Mgrs.

WED. MAR. 6 - 10AM, Farm Machinery, (2) AC diesel tractors, Full Line of Forage & Tillage Equip., Milking Equip., located 3 mi. E. of Honey Brook, PA, John O. and Lydia Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts.

FRI. MAR. 8, Full Line Modern Machinery, 3 Tractors, 50 Dairy Cattle, etc., on farm 3 mi. N. of Lamar, PA, James & Violet Muthler, owners, Fraley Auction Co., Aucts.

FRI. MAR. 8 - 9AM Farm Equipment Auction. A.&C Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

FRI. MAR. 8 - 10AM, Farm Equipment & Consignment Sale-Consignors Wanted, Kutztown Produce Auction, Fleetwood, PA

FRI. MAR. 8 - 1:30PM, State Graded Feeder Pig Sale, at Carlisle Livestock Market, Inc, Exit 12 East off I-81

SAT. MAR 9, Full Line of Modern Farm Machinery, 3 IH Tractors, Feeding Equipment, etc, 7 mi. W. of Conyingham, PA, Zeisloft Farms, Inc, owners, Fraley Auction Co, Aucts

SAT. MAR. 9 - 8AM, Antiques, High Class Furniture, China, Glass, etc., located 3 mi. N of Mercersburg, Franklin Co., PA on Rt 16, Carlisle B Carpenter, owners, J. Robert Meyers, Auct.

SAT. MAR 9 - 8:30AM, Gordonville Fire Co. Annual Spring Sale-Household Goods, Farm Machinery, Livestock, Lumber, Antiques and Quilts, terms by Gordonville Fire Co. Sales Committee, Local Auctioneers.

SAT. MAR. 9 - 9AM, Schaper Bros. 18th Annual Consignment Sale-Tractors, Trucks, Farm Equip, Consignments Welcome, Wolgemuths Auction Service, Aucts

SAT. MAR. 9 - 9:30AM, Full Line of Farm Equip., located along Weaver Rd. Midway between Manheim, PA and Mt Joy, PA just off Rt. 772, Paul and Rober Weaver, owners, Raymond Miller and Jim Hersehy, Aucts.

PUBLIC 9:30 a.m. EST AUCTION

MONDAY, FEBRUARY 4, 1991

LOCATION: We are just South of Leesburg, Indiana or 6 miles North of Warsaw, In. On State Road 15, Or 34 Miles West of Fort Wayne, IN.

TRACTORS

1990 Case Int. 7110 w/duals and 180 hrs.
1983 John Deere 4850 MFD w/duals, cab & air
1982 Int. 5288 w/radial duals, cab, air & 1970 hrs.
1981 Int. 3688 w/cab, air & 1250 hrs.
1983 Case 2294 MFD w/cab & air
1980 Case 2090 w/cab & air
1979 John Deere 4440 w/cab & air
1976 John Deere 4430 w/cab & air
1967 John Deere 4020 diesel w/wide front
1963 John Deere 4010 diesel w/turbo & wide front
1979 Ford TW-30 w/dual power, cab & air
1977 Ford 9700 w/dual power, cab & air
1977 Ford 8700 w/dual power, cab, air & 2800 hrs.
1970 Ford 4000 gas
Ford 8N w/loader
1981 Int. 3688 w/cab, air & 1875 hrs.
1977 Int. 1086 w/cab, air & duals
1979 Int. 986 w/cab, air & 3000 hrs.
1977 Int. 886, 4 post roll guard
1976 Int. 1066 Black Stripe w/ fenders
1973 Int. 1066 w/cab, new torque & clutch
1976 Int. 966 Black Stripe w/cab & new motor
1976 1466 Black Stfipe w/cab & new motor
1971 Int. 1456 w/radials
1969 Int. 656 gas w/wide front & 2116 hrs. NICE!
1967 Int. 706 gas w/wide
1970 Int. 826 diesel w/wide front
1980 Int. 260A 3 pt. w/loader. Low hrs!
Int. 400 gas
1981 Massey Ferguson 30B w/loader & 1400 hrs.
Massey Ferguson 135 Power steering. NICE!
1977 White 2-70 diesel w/new motor
1968 Oliver 1650 gas, over & under
1980 Versatile 935 w/3 pt.
1961 Allis Chalmers D-17 gas
1962 Allis Chalmers D-19 gas w/ wide front
1974 Ford 4000 SU w/loader
Allis Chalmers 210

ROTARY HOES

John Deere 400, 30' flat fold. NICE!
John Deere 400, 30' end transport
2-John Deere 400, 15'
John Deere 400, 28' end transport
Int. 181, 15' single arm

DRILLS & POWER SEEDER

Int. 5100, 21x7 soybean special w/ seeder
Int. 6200, 24x6 double disc press wheel drill. NICE!
Int. #10, 16x7 drill
2-John Deere 8300, 23x7 double disc w/seeder. NICE
2-John Deere model B, 1-20x7, 1-18x7
John Deere model B, 16x7 w/seeder. NICE
2-Oliver drills, 1-17x7, 1-13x7
John Deere 1500 power seeder

SOIL SAVERS & CHISEL PLOWS

Glencoe 17 shank stretch hydraulic fold soil saver. NICE!
Glencoe 7 & 9 shank soil saver
Glencoe 9 shank stretch soil saver. NICE!
3-Landoll 11 shank soil saver
Krause 11 shank soil saver
Hiniker 1325, 22' flat fold chisel plow
Int. #55, 13 shank pull type chisel plow
John Deere 1600, 12 shank pull type chisel plow
John Deere 1600, 12 shank 3 pt. chisel plow

FIELD CULTIVATORS, SOIL FINISHERS & HARROGATORS

Allis Chalmers 1300E, 30' hydraulic fold field cultivator
2-John Deere 1100, 16' & 20' hydraulic fold field cultivator
Wilrich 26' hydraulic fold, walking tandems field cultivator
Int. 4500,24½ ' hydraulic fold, walking tandem field cultivator
3-Harrogators - 16'-18'-21'
Glencoe 18'9" soil finisher w/tank cart
Glencoe 20' soil finisher

ROW CROP CULTIVATORS

New Wilrich 12 row 30" flat fold, Danish-tine
New Wilrich 6 row 30", Danish tine
Brillion 4 row 38" C-shank
2-John Deere RM438 w/rolling shields
4-4 row cultivators w/Danish tine
Brillion 6 row 30", Danish tine
Burch 6 row 30", Danish tine
Noble 6 row 30", Danish tine
John Deere RM630, C-shank
2-Noble 8 row 30" hydraulic fold, Danish tine
Noble 8 row 38", Danish tine
Burch 8 row 38" hydraulic fold, Danish tine
Noble 8 row 30" hydraulic fold, C-shank
John Deere RM 8 row 30", C-shank
Allis Chalmers 12 row 30" spring hydraulic fold

PLANTERS

2-John Deere 7000, 4 row 38" dry & liquid fertilizer
John Deere 7000, 6 row 30" liquid fertilizer
2-John Deere 7000, 8 row 30" liquid & dry fertilizer
2-John Deere 7000, 8 row 38" liquid & dry fertilizer
John Deere 7100, 8 row soybean planter
John Deere 7000, 12 row 30" front fold, liquid fertilizer
John Deere 1240, 4 row 38" dry fertilizer
John Deere 1250, 6 row 30" dry fertilizer
3-John Deere 201, 28'-32' planter trailer

MOWERS & FORAGE EQUIPMENT

New Woods 315 Batwing
John Deere 1508 Batwing
2-John Deere 709, 1-pull type, 1-3 pt.
2-Int. #50 flail mower
Woods 6', 3 pt. rotary mower
Sidewinder 10', 3 pt. rotary mower
Bush Hog 6' pull type mower
2-John Deere 350, 7' & 9' sickle mowers
John Deere 450, 7' sickle mower
Int. 1300, 7' sickle mower
New Holland 851 round baler
Int. 241 round baler, NICE!
New Holland 273 square baler
Int. 990, mower conditioner
New Idea 299, mower conditioner
New Holland 28 whirl feed blower
New Holland 1469, self-propelled mower conditioner
New Holland 355 grinder mixer
Int. 1150 grinder mixer
Farmhand F-835 grinder mixer
Int. 105 grinder mixer

DISC

Int. 496, 21' rock flex
2-Int. 475, 18½ hydraulic fold & black gang
Int. 370, 13'9"
3-Int. 470, 13'9" - 16¼ '-17½ '
Int. 480, 20' manual fold
2-Kewanee 1020, 21' flat fold
2-Kewanee 750, 16' & 21' manual fold & rock flex
Kewanee 610, 16' manual fold
Kewanee 750, 13½ ' rock flex, NICE!
White 272, 28' rock flex, hydraulic fold
White 271, 21' rock flex, hydraulic fold
White 263, 17½ ' manual fold
White 254, 10½ '
Krause 2400, 27½ ' rock flex, hydraulic fold w/8 tire
Krause 1400, 18' hydraulic fold
Ford 241, 18' manual fold
John Deere 210, 14'
John Deere 220, 18½ ' hydraulic fold

PLOWS:

Int. 710, 7-16" automatic reset on land
Int. 710, 6-18"
Int. 560, 6-16"
Int. 540, 4-16"
5-Ford, 2-3-4 bottom
White 598, 5 bottom automatic reset, adjustable
White 549, 6-18" automatic reset
White 546, 5-16" automatic reset
White 546, 4-16"
John Deere 2500, 4-18" automatic reset
John Deere 2500, 5-18" automatic reset
Case 400, 5-18" automatic reset

CULTIMULCHERS & PACKERS

Brillion 30' flat fold, crowfoot on front & rear
Brillion 22' hydraulic fold, crowfoot on front & rear
Brillion 22' hydraulic fold, crowfoot on front
4-Brillion 15', solid on front & rear
Brillion 12'4", crowfoot on front
Brillion 13', crowfoot on front
2-Dunahm 13', solid on front & rear
3-Kewanee 12'&14', solid on front & rear
New Brillion 23' and 27' X-fold packer
Brillion 25' crowfoot packer
Brillion 32' solid packer
Brillion 30' X-fold crowfoot packer
New Farmhand 25' flat fold packer

MISCELLANEOUS

New Idea 324 picker-sheller
Eversman 1600, 16' hydraulic fold land leveler. Like New!
Killbros 1200, 625 bushel grain cart. DEMO!
Glencoe 8 row 30" hydraulic fold ridge clenaer
Hiniker 6 row 30" ridge cleaner
Int. #80 snow blower
Badger snow blower
Chem Farm stainless saddle tank
Set of saddle tanks
New Schultz 8 row 30" Danish planter harrow
Herd 2440, 3 pt. seeder 15 bushel box
McFarlanee 29' flexible harrow
Int. 2 pt. sub soiler
3 pt. backhoe
New Idea 12A - 14A- 17 spreader
John Deere R spreader
New Holland 679 spreader
Hawk Bilt tank spreader
Clay 1100 gal. honey wagon
New Kelly 72" bucket
Int. 2250 72" manure fork
Davis 200 loader
John Deere 5 bar coil tine harrow
Misc. rims & duals

1965 CORVAIR CONVERTIBLE (Needs Help)

INTERNATIONAL SCHOOL BUS

1987 LINCOLN TOWN CAR SIGNATURE SERIES

TERMS: CASH DAY OF SALE! All equipment must be picked up by February 16, 1991. Delivery available anywhere, semi trailer, at customary mileage rates. This list is subject to day to day business. NO SALES WILL BE MADE ON THE LOT AFTER JANUARY 26, 1991 Come and inspect the equipment anytime. Airport located at Warsaw. Call for free transportation to sale grounds from the Airport.

PLEASE NOTE: We have a large amount of farm machinery at this auction. Many of these units have been serviced, many of the tractors have been Dyno checked and ready to go to work. We will start the Auction with the Miscellaneous Equipment. Feel free to phone for additional information

LUNCH SERVED BY
LEESBURG UNITED METHODIST CHURCH

POLK & SONS, INC.

OWNER

Leesburg, IN 46538 Phone 219 453-4311

Auctioneers: Daryl Ball - Ted Everett - Dennis Polk - Gary Olson

PUBLIC AUCTION

DAIRY COWS — MULES FARM MACHINERY

FRI., FEB. 8, 1991

9 A.M. SHARP

Location: 1068 Osceola Rd., Drumore, Pa. App. 15 miles South of Lancaster, Rt. 272. Just 3 miles South of the Buck, turn West on Osceola Rd. Or from Wakefield go app. 7 miles North turn West on Osceola Rd. app. ½ mile to sale.

35 Holstein Dairy Cows

Milking Up To 80 Lbs.

7 Due in Feb., 5 Due in Mar., 5 Due in Apr., 2 Due in May, 2 Due in June. 4 Springing Heifers, 3 Open Heifers, 3 Small Vac. Heifers.

3 Westfalia Milker Units w/1 Extra Pail; Sputnik; 2 Stainless Steel Strainers; 2 Carrying Pails.

6 Smooth Mouth Sorrel & Bay Mules

10 Sets of Harness, Collars, Bridles, Backers; Steel, Double & Triple Trees; 7 & 8 Horse Hitches, 4 Fore Carts, 2 w/Auto. Turn, 1 w/Hyd. Brakes; Braking Carts; Spring Wagon.

3 Tooth Chisel Plow; Trailer Plow; 9 ft. 3 Section Harrow; Cultipacker & Roller; 2 McCormick Cultivators; JD KBA Disc; Pequea 2 Row No Till Corn Planter; 2 New Idea 323 One Row Corn Picker w/Hyd. Hillside Hitch & Engine Mounts, One for Parts; 24 Ft. Smoker Elevator; 30 Ft. Farmec Elevator; Corn Drag; Corn Binder w/ Loader & Hyd.; Binder for Parts; McCormick No. 9 Silage Cutter; 30 Ft. Field Sprayer w/Kawasaki 5 Hrp. Engine; NH 455 7 Ft. Mower & Hyd.; 2 Cunningham Crimpers; Nickelson Tedder; NH 56 Roller Bar Rake; NH 69 Baler w/Wis. Engine; 2 Flatbed Wagons, Grove Running Gears; EZ Flow Bin Wagon on steel; 2 Small Bin Wagons; NI 10 Ft. Lime Spreader; 2 Ontario Grain Drill; 1 for parts; Stoltzfus Tank Spreader w/Auger used 2 seasons; 2 NI Manure Spreader, No. 8 & 12; NI One Row Tobacco Planter; 7,000 Tobacco Lath; 3 Balen Boxes; Tobacco Shears & Spears; Stripping Room Stove; Lombardini 68 Hrp. 4 Cylinder Diesel Engine on wheels; 2 Wis. Engines, 4 Cylinder one w/ Reduction Gear, for parts; Deutz 2 Cylinder Diesel Engine; 2 Cement Mixers; SG 17 Stihl Back Sprayer; 150 Amp Lincoln Welder; Welding Table; Pipe Vise; Hyd. Press; Silage & Feed Carts; 2 Wheelbarrows; Bag Wagon; Forks; Shovels; Bolt Bins; Bolts; 4 Unit Vacuum Pump; Bender Washer; Tankles Water Heater; Stainless Double Wash Tubs; Sunbeam Air Clippers; Norge 2 door refrig.; Write way coal & wood stove; rotary scythe; 40 rubber cow mats, extra heavy.

Items too numerous to mention. Not responsible for accidents day of sale. No out of state checks. Lunch available.

TERMS BY

ELMER S. ZOOK

Auction Conducted By:
Lloyd Kreider, AU000513L,
717-786-3394,
Randal Kline, Roy Good

KREIDER & KLINE AUCTIONEERS

Maryland releases December Dhia list

Maryland DHIA
December, 1990

The December, 1990 DHI information for Maryland dairy herds is listed by herd name, county, total number of cows in the herd, and the average production per cow on a 3.5% Fat Corrected Milk (FCM) basis for all milking cows in the herd. The herd must consist of at least 10 cows averaging 60 lbs. or more of 3.5% FCM per cow per day. All of the herds are on official DHI or DHIR test.

Also listed are the top ten herds in Maryland for the Brown Swiss, Guernseys and Jerseys, and the top seven herds for Ayrshires.

HIGH AYRSHIRE HERDS

Herd Name-County	Cows In Herd Total	Milk Avg. FCM Total
Pudding Run Farm, Kent	24	64.2
Patrick, David & James, Howard	65	58.3
Potomac St. College, W.Va.	70	51.1
Shank, Ralph W., Washington	231	47.7
Con-Ayr Dairy, Washington	79	46.7
Edgewood Farms Inc., Howard	50	45.3
Seneca Ayr Farms, Montgomery	54	43.0

HIGH BROWN SWISS HERDS

Herd Name, County	Cows In Herd Total	Milk Avg. FCM Total
Dwayne W. Bell, Washington	38	72.5
Fleming & Frey, Washington	15	58.7
Tom and Joy Crothers, Cecil	10	58.4
K. Scott Hood, Frederick	14	57.7
Green-Castle Swiss, Harford	11	50.2
Glad-Ray Brown Swiss Farm, Frederick	21	49 7
Bells Delight Farm, Carroll	42	49.1
Long View Farm, Frederick	33	48.2
Glenvale Farm B.S., Carroll	26	44.4
Rudell C. Beall & Sons, Montgomery	23	43.5

HIGH GUERNSEY HERDS

Herd Name, County	Cows In Herd Total	Milk Avg. FCM Total
Homer & Sadie Kinsinger, Garrett	10	59.5
Mt. Ararat Farms, Cecil	103	52.0
Harry L. Frey Jr. & Sons, Washington	106	49.3
William B. Messix, Queen Anne's	12	47.7
Level Square Farm, Queen Anne's	92	47.6
John & Wm. Schnebly, Washington	68	47.5
Dogwood Lane Farm, Kent	54	45.1
Anovadale Guernseys, Frederick	44	42.9
C. Nevin Frey & Sons, Washington	17	41.3
Edward M. Beard, Carroll	40	38.1

HIGH JERSEY HERDS

Herd Name, County	Cows In Herd Total	Milk Avg. FCM Total
Paul & Naomi Petersheim, Garrett	29	62.2
Gaywinds Farm, Frederick	46	58.9
Roy Pool, Carroll	21	58.2
P. Thomas Mason, Kent	23	53.4
Bona-Kling Farm, Queen Anne's	35	53.2
Windy Knoll Farm, Montgomery	50	52.7
Queen Acres Jerseys, Carroll	107	52.0
Homer and Sadie Kinsinger, Garrett	51	51.5
Maryland Sunset View, Carroll	85	48.0
Du-Bless Jerseys, Caroline	11	46.6

BALTIMORE COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Lindsay & Steve Wilson	H	142	68.3
Edrich Farms, Inc.	H	168	67.7
Nash Farms	H	129	66.5
Richard M. Foster	H	78	63.3
Robert E. Prigel	H	79	60.3

CAROLINE COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Harmony Farm	H	145	81.8
Grubby Neck Farm	H	54	80.2
John Fuchs & Sons	H	91	67.5
Richard Edwards	H	169	66.0
Hollingsworth Daniel 3	H	52	64.7
David N Wells	H	253	63.9
Paul Satterfield	H	127	63.5

CARROLL COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
D Richard Flickinger	H	85	75.4
Ray & Mike Haines	H	64	75.1
Windsor Manor	H	61	71.2
Joe A Schwartzbeck	H	137	70.8
Unicorn Associates Inc.	H	133	70.7
Panora Acres Inc.	H	138	70.6
Mayer's Stoney	H	46	69.9
Maple Lawn Farm Inc.	H	182	69.2
James A. Carmack	H	181	68.4
Garstlyn Holsteins Inc.	H	83	67.9
Md.-Carrollton	H	45	67.7
James & John Myers	H	69	67.1
Jerry & Rick Lease	H	94	66.9
Steven E. Ruby	H	74	66.8
Maryland & Sunset View	H	144	66.2
Chislon Farm	H	84	66.1
Derrwyn Holsteins	H	74	65.8
David M. Reifsnider	H	33	65.3
Whispering Sprngs Farm	H	94	65.2
Queen Acres Farm	H	13	65.2
Marlin Hoff	H	231	65.0
Del-Myr Farm	H	73	64.8
R.A. S.L. Doody	H	64	64.6
Arbaughs Flowng Sprngs	H	181	64.5
William Hesson	H	51	64.3
Flint Hill Farm	H	69	63.0
Ralph L. Robertson	H	84	62.6
Lethbridge, Charles L.	H	86	62.2
Geo And Daniel Fritz	H	75	62.1
Jr.-Lees Farm	H	110	61.4
Dale M & Susan Smith	H	92	61.3
Harry W. Roach III	H	89	61.1
Wilkim Holsteins	H	42	61.0
Doris & David Zimmerman	H	81	60.0

CECIL COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Tom and Joy Crothers	H	56	80.0
Goods Dairy Farm	H	32	71.2
Long Green Farms Inc.	H	116	67.7
Locust Haven Farm	H	37	67.4
Peter & Richard Morris	H	59	66.6
Zion Meadows	H	99	64.5
Kilby Inc.	H	236	64.4
Pioneer Valley Farm	H	148	62.9
Lovdal Farms	H	104	62.3
Staff-Herd Farm	H	86	61.7
Pleasant View Farms	H	90	61.6
William S. Creeger	H	69	61.5

FREDERICK COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Dave & Carole Doody	H	109	78.0
Plain Four Farms	H	120	75.2
Hobble-Hill Holsteins	H	79	74.7
Gaywinds Farm	H	79	74.0
Da-Bren Farm	H	139	73.4
O Clayton Smith	H	101	73.4
Gary & Judith Remsberg	H	87	72.8
Ronald & Ruth Cline & Fam	H	120	71.4
Savage-Leigh Farm	H	149	71.3
Leigh Castle Holsteins	H	130	71.1
Enfield Farm	H	98	69.6
Spring-Vale Holsteins	H	37	68.8
Wilcom, Donald L.	H	120	67.8
Hollow Valley Farm	H	130	67.4
Len-Land Acres	H	200	67.0
Kenneth & S Zimmerman	H	61	67.0
David Toms	H	180	66.5
William & Kt Schrodel	H	206	65.9
Vales-Pride Farm	H	80	65.8
David F Grossnickle	H	100	65.8
John C Trout	H	88	65.7
Warner Bros Inc.	H	154	65.4
Jeff And Judy England	H	138	65.2
Holterholm Farms	H	101	65.2
Ripleyvale Farm	H	140	64.9
A-R-Zee Dairy	H	46	64.9

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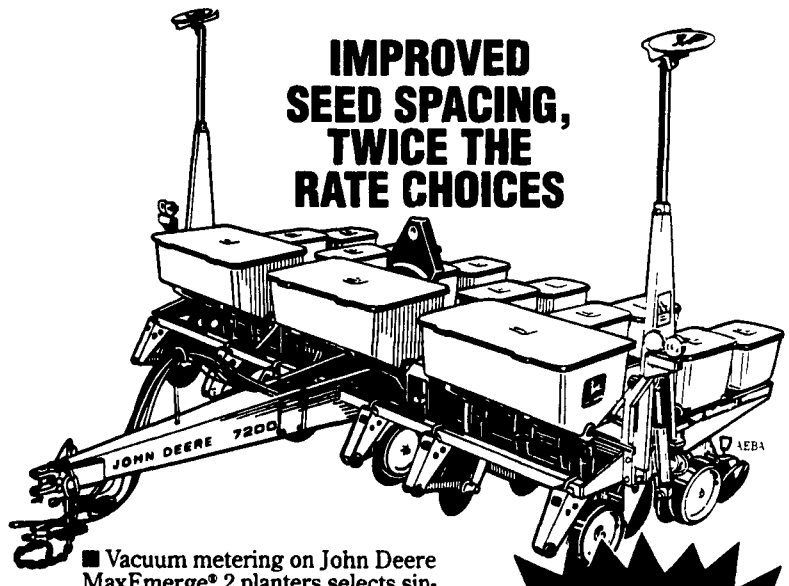

- Vacuum metering on John Deere MaxEmerge® 2 planters selects single seeds and gravity drops each for improved spacing control
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Good deal, too!

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Eric F-Faith M Burall	H	96	64.9
Hottels Dist Springs Farm	H	119	64.9
Wayne Burdette	H	131	64.6
Clovertop Farm, Inc.	H	94	64.3
Allen Brothers	H	102	64.2
Wayne Z Tucker	H	118	64.1
Darrell & Virginia Wolf	H	62	64.0
Harold Long	H	143	63.9
Wachter, Joseph W.	H	66	63.7
Renn Remsberg & Son	H	87	63.6
Teabow Inc	H	276	63.5
Chuck Fry	H	95	63.4
Franklin M Stottlemyer	H	64	63.3
Keller, Donald Dean	H	68	63.3
Gary L & Mary C Snyder	H	55	63.2
David & Patrick Allen	H	68	63.2
Paul & Karen Dotterer	H	89	63.0
R-B Farms	H	183	62.6
Glad-Ray Farm	H	57	62.2
Terry & Tracey Trout	H	150	62.0
Paul K Coblentz & Sons	H	178	61.9
Charles Ausherman	H	189	61.9
Dublin Hills Farm	H	60	61.7
K Scott Hood	H	65	61.6
MD-Garden Spot Farm	H	86	61.4
James E Roderuck	H	60	61.3
Lamar O Hara	H	79	61.2
Randy & Debbie Cramer	H	46	60.9
James E. Baker	H	140	60.8
WM & Jayme Webster	H	73	60.5
Moreland Farms	H	264	60.4

GARRETT COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Maple Valley Farms	H	32	74.7
Ezra Schrock	H	28	72.4
Philip Beachy	H	48	70.0
Jonas D. Kinsinger	H	25	69.5
Paul & Henry Kinsinger	H	71	68.4
Andrew W. Schrock	H	47	68.2
Wayne E. Schrock	H	43	67.8
Calvin Schrock	H	45	65.6
Ernest & Dan Ganoe	H	132	65.6
Daniel Lee Yoder	H	32	65.1
Paul Yoder	H	47	64.8
Tobie Kinsinger	H	27	64.5
Piney Run Farms	H	120	64.3
Fred Petersheim	H	42	64.0
Arlin Maust	H	35	63.7
Galen Kamp	H	60	63.4
Rufus Peachey	H	54	62.9
Paul & Naomi Petersheim	J	29	62.2
David W Yoder	H	42	61.2
Charles Mason Jr.	H	74	61.0
Ray E Miller	H	39	60.4
Ez-Mar-Haven	H	83	60.3
Menno J Yoder	H	35	60.1

HARFORD COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
W C Galbreath & Sons	H	127	75.7
My-Ladys-Manor Farm	H	219	68.2
Strawberry Hill Farm	H	128	67.3
Steven C. Trout	H	40	65.5
Hawks Hill Farm	H	82	65.4
Harkins Hill Farm	H	140	64.4
Mrs Theo Tharpe	H	49	64.2
Ehrhardt Farm Inc	H	220	64.0
David M Keyes	H	97	63.3
A G Hopkins	H	74	62.5
Maroamo Farm	H	91	62.3
Charles T. Edwards	H	89	62.2

HOWARD COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
David & James Patrick	H	145	70.8
L-Meadow Farm	H	62	66.1
University Of Maryland	H	114	64.7
Merry Acres Farm	H	43	62.6
Paul F. Harrison Jr.	H	82	61.4
Bowling Green Farm	H	144	60.2

KENT COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Roy W Crow	H	53	81.7
Pudding Run Farm	H	58	71.5
Gen Farm I	H	774	71.1
R&E Brink	H	72	70.5
Friendship Farms Inc	H	111	67.8
John Z Stoltzfus	H	66	67.5
Wintacres	H	70	67.1
P. Thomas Mason	H	57	65.8
Fair Hill Farm Inc.	H	219	65.8
Dix Lee	H	22	65.6
All Reed Farm	H	74	64.7
Michael H Philipp	H	67	64.2
Pudding Run Farm	A	24	64.2
Howard McHenry	H	203	63.5
Chandale Farm	H	68	62.9
Hills Dairy Partnership	H	140	61.9
R.F. & M.G. Dulin	H	39	60.0

MONTGOMERY COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Walker, Stewart & Sons	H	128	69.3

POTOMAC VALLEY ASSOC.

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Calvin P. Dayton	H	62	71.7
Brookedale Holsteins	H	82	69.5
Cessna Bros.	H	47	65.8
Richard D. Evans	H	121	63.5
Edward C. Ott	H	72	62.8
Ron-Ell Dairy Farm	H	55	61.1

QUEEN ANNES COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Charles R. Patterson	H	116	76.4
Harry L. Schrader & Sons	H	126	74.6
Thomas & Shirley Jackson	H	44	72.8
L J & W E Palmatary	H	177	72.5
F & J Moore	H	114	70.1
Donald W. Skinner	H	73	68.2
McFarland, Wm & Wayne	H	108	67.2
Pintail Point Farm	H	97	66.7
Ronald & Tom Smith	H	71	61.6

TALBOT COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
H W Snow Jr & Son	H	51	70.7
Wm. Brinsfield	H	53	66.1
R. Stanley Collier & Son	H	176	63.2
Bountiful Farm	H	470	63.0

WASHINGTON COUNTY

Herd Name	Herd Brd.	Cows In Herd T	Milk Avg. FCM T
Dwayne & Miriam Bell	H	40	76.8
Afton Spring Dairy	H	73	73.9
Dwayne & Miriam Bell	B	38	72.5
Curtis W Ausherman	H	148	70.5
Hartford Farms	H	54	69.5
Arlen W. Martin	H	56	68.6
Isaac Martin	H	52	68.3
G Nathan Stiles	H	10	68.2
Debaugh Farms	H	90	67.8
Mike Stiles	H	66	67.3
Gilson R. Martin	H	43	67.0
Earl Grove Jr	H	119	66.1
Edgar Paul Pryor	H	100	65.7
Robert C. Jones	H	40	65.5
Magna-Vista Farm	H	45	65.3
Lester Strite	H	59	63.6
Creek Bound Farm	H	92	63.4
Owen E Martin	H	39	63.0
Barnhart Brothers	H	68	62.6
Sunrise View	H	93	61.8
Arthur Rhoderick	H	180	61.7
John & Cindy Burtner	H	33	61.6
Martietam Farm	H	46	61.3
John A Horst Jr.	H	88	61.1
Marsh-Haven Farm	H	86	60.0

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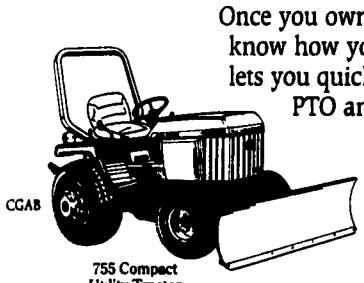

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755 Compact Utility Tractor
20 HP Hydrostatic
w/54-Inch Front Blade

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAR. 9 - 9:30AM, Annual Harpster Farm Machinery Consignment Sale, located on the Centre & Huntingdon County line along Rt. 45, approx 7 mi W. of Pine Grove Mills, PA, Larry Harpster, Sale Mgr, Ron Gilligan, Auct

SAT. MAR. 9 - 9:30AM, Good line of Farm Equipment, Tractors and Milking Equipment located at 286 Quaker Church Road, Christiana, Pa. for Earl M Martin. Diffenbach Auctioneers.

SAT MAR. 9 - 9:30AM Sharp! Farm Equipment, located 212 Medford Indian Mills Rd., Vincentown, NJ, H. Wright and Brother, owners, Lee Parker, Auct

SAT. MAR. 9 - 10AM, Full Line of Farm and Produce Equip., located back road between Clintondale and Mackeyville, Clinton Co., PA, George and Alice Toner, owners, Barry Kerstetter, Auct

SAT MAR 9 - 10AM, A Good Line of Modern Farm Machinery, No Wagon Items, located 1 mi S of Allensville, PA or 8 mi N of Mill Creek, PA, just off Rt 655 at the Mifflin-Huntingdon Co line, Terry Showalter, owner, Mark Glick, Auct

SAT MAR 9 - 1PM, Real Estate of the Late Ralph H. Hain, located from I-83, Exit #2 (Glen Rock) take Rt 216 E. approx 1 mi & turn right onto Potosi Rd, proceed approx 1 mi. & turn right onto Saw Mill Rd, proceed apprx .7 mi. & turn right onto White Oak Rd, sale on right, Melvin Haines and Ralph Brenneman, Aucts.

MON MAR. 11, Annual Pennsylvania World Relief Heifer Sale at Lancaster, Wilmer Kraybill, Mgr

MON. MAR. 11, 95 Head Registered and Grade Holsteins, FE, etc, 3 mi E of Bellefonte on Rt 550, Lynn and Pamela Homan, owners, Barry Kerstetter, Auct

MON. MAR 11, Fare Equip., Horses & HH Goods, located 85 E. Strack Dr., Myerstown, PA, LeRoy J. and Mamie S. Lantz, owners, Paul E Martin Auction Service, Aucts

MON. MAR. 11 - 9:30AM, Complete Dispersal of All Potato Farm Machinery and Packing House Equip., located Magnolia, DE, Mr and Mrs. Calvin Meyers "Magnolia Acres", owners, Pirrung Auctioneers, Inc., Aucts.

MON MAR. 11 - 10AM, Modern Farm Equipment-Combine, Tractors, Grain Truck & Equip. of Smith Kilgore, off Rt. 74, S. of Red Lion, PA, Rentzel's Auction Service, Aucts.

TUES. MAR. 12, Farm Machinery Dispersal, located 8112 Mowersville Rd., Newburg, PA, Frank S. & Mildred Heberling, owners, Klings' Auctions, Inc., Sale Mgrs.

THURS. MAR. 14, 11th Annual Penna. Heifer Sale for World Relief, at Mel Kolbs Black & White Dairy Barn, Lancaster, PA, 2 mi. W. on Rt. 283, for Mennonite Central Committee, Lee Kurtz, Omar Stoltzfus and John Umble, Aucts.-Dale Hoover, Pedigree.

FRI. MAR. 15 - 9AM, Horses, Holstein Heifers and Farm Machinery, located in Centre Co., ½ mi. N. of Rebersburg, PA on Rt. 880, turn W. of Rockville Rd., 1st farm on right, Ben Lapp, owner, Mark Glick, Auct.

FRI. MAR. 15 - 10AM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT. MAR. 16, Fraley's Annual Spring Machinery Consignment Sale on our farm 3 mi. E. of Mucy, PA, Fraley Auction Co., Aucts.

SAT. MAR. 16, Full Line of Farm Equip., located at 308 Prospect Rd., Elizabethtown, James and Nancy Zuck, owners, Long and Long, Aucts.

SAT. MAR. 16, Farm Equipment, Tools, HH Goods, located RD 1, Marietta, PA, Harold W. and Gladys B. Nye, owners, Paul E. Martin Auction Service, Aucts.

SAT. MAR. 16, Full Line of FE, Produce and Some Household, located off Rt. 550 2 mi. N. of Zion, Gary and Connie Burd, owners, Barry Kerstetter, Auct.

SAT. MAR. 16 - 8:30AM, Building Material Sale for Bart Twp. Fire Co.-Windows, Doors, Siding, Lumber, etc., located in the village of Georgetown, 6 mi. SE of Strasburg, along Rt. 896 (Lancaster Co., PA), Local Auctioneers.

SAT. MAR. 16 - 9AM, Brick Rancher, Fine Antiques, HH Goods, located at 1165 Indiantown Rd., West Cocalico Twp., Lanc. Co., PA, Farmer's First Bank, Attorney-In-Fact for Grace Royer, T. Glenn Horst and Sons, Aucts.

SAT. MAR. 16 - 9AM, 28th Annual Spring Slae, Kempton Community Center, Kempton, PA, Northern Berks Co., 14 Auctioneers, Everything Sold on Commission Basis.

PUBLIC SALE

SPRINGETTS FIRE HALL
3013 E. MARKET ST.,
YORK, PA.

WED., JAN. 30, 1991

4:00 P.M.

MARGARET L. HESS & OTHERS

Twin Bedroom Suite, Single Bed, Chest On Chest Of Drawers, Marble Top Stand, Kneehole Desk, Color And B&W TV, Card Table Set, Child's Rocking Chair, Large Rocker, Dining Table & Chairs, Plank Bottom Rocker, Long Sofa, Brass Kettle, Lincoln Rocker, Large Limoges Punch Bowl, Victorian Side Chair, Small Gateleg Table, Nippon Tea Set, Sets Of Dishes, China Dresser Boxes, Many Coins, Much Jewelry, Mink Stole, Many Linens, Fostoria, China Glass, Fancy Metal Table, Lights, Evening Bags, Van Gogh Prints, Floor Lamp, Figurines, Baskets, Two Oriental Rugs, 22x30" & 31x43", Microwave, Some Candlewick, Bells, Friendly Village, Sm. Kitchen Appliances, Milk Can, Cranberry Opal. Vase, 3 Pc. Green Hoosier Jar Set, Milk Bottles, Sulfide Marble And Other Marbles, Ice Cream Scoops And Measurers, Graniteware, Pocketknives To Include Case, Remington, Barlow, Two Butterus Tools, Occ. Japan Wall Pocket, Used Furniture, Children's Blue Willow, Dovetailed Blanket Chest With Strap Hinges, Washbench, American Fostoria, Rumrill Vase, Two Applique Quilts, Handsewn Quilt, Lap Robe, Mantel Clock, Antique And Collector Items, Postcards.

TERMS: Cash Or Approved Check
Not Responsible For Accidents
Doors Open 3:00 P.M.
AUCTIONEER: GARY GLADFELTER #345
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NOTICE

Spring Is Coming!
The 17th Annual Sale Of The Strasburg Fire Co. Will Be Held

Saturday, Feb. 23, 1991

8:30 A.M.
At The Fire House.

We Greatly Appreciate Your Past Support And Will Be Looking For You Again. Bring Your Items on Wed., Thurs., Or Fri. The Week Of The Sale Or Contact Gregg Lutz-687-8917 Or Eli S. Ebersole, 235 S. Jackson St., Strasburg, PA. 17579.

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Thank You For Your Help.
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Lots Of Good Food
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PUBLIC AUCTION

MODERN FARM EQUIPMENT

TRUCKS; SKID LOADER
HOUSEHOLD GOODS; ANTIQUES

Tuesday, February 12, 1991 at 10:30 AM

Between Reading & Kutztown, ¼ mile S of Rt. 73 traffic light turn off Rt. 222 onto Snyder Rd. for 2 blocks to 1st farm, Berks Co., PA.

TRACTORS

Int 886 diesel, wf, roll guard cab w/enclosure, 2280 hrs, w/3 pt & dbl hy outlets; Farmall 560 gas, TA & live pto; MC 2250 frt end loader w/7' bucket.

TILLAGE & PLANTING

Int 720, 4-16" auto reset pl; Dunham Lehr 3 pt 8 tooth chisel pl w/depths; JD 215 duro cushion 11'5" dual wheel transport disc; Miller 8½' dual wheel transport disc; JD 12' roller harrow; Int 455 four r adjustable 28" to 42" planter w/fert; Int 510, 7-16 dbl disc grain drill w/fert; Vicon 3 pt 1200 lb pto fert spreader.

COMBINE

MF 300 w/gas engine, hume reel & 3 r n head.

SKID LOADER

JD #70 w/bucket & manure fork, 430 hrs.

MISC

NH 518 pto manure spreader; NH 354 grinder mixer (nice); Tunco 230 bu gravity wagon; MC 68-4 r frt mtd culti; 2 - 7'x16' bale side wagons w/Int 52 gears; 12' Cardinal elev; jamesway 16' Volumatic II silo unloader w/5 hp motor; Little Giant drag elev; King Wyse 24' bale & c elev; Grove 7'x14' four wheel dump trl; 7'x14' wagon bed; Pride of the Farm rd self feeder; Wellsaw mod 404 meat saw; 3 wheel rubber tire homemade 3'x5' wagon; walnut boards; wheelbarrows; ½ ton chain block; set of 16:9-38" duals; Iron Age one r antique potato planter.

TRUCKS

Int. 1600 Loadstar, 21,000 GVW, 16" grain tight w/diamond plate flr; 1978 Chev. Deluxe hvy duty ½ ton pickup, 43,000 miles (nice).

HOUSEHOLD & ANTIQUES

3 pc dark marble top walnut BRS; cottage dresser; kneehole desk; child's highchair; child's crib; old Coca Cola cooler; rockers; 2 split oak baskets; straw basket; picnic table; stoneware crocks & jugs; 40 yr old lg teddy bear; Mickey & Minnie Mouse cookie jar; one kettle portable butcher stove; two kettle built in butcher stove; ss buckets & strainers; Lionel 746 train & 7 cars (nice); patchwork quilt & spreads; beauty salon cr. w/hair dryer; wig block & clamp; air conditioner; twin bed & bureau; file cab; spring mtd rocking horse; plus many items too numerous to mention.

NOTE: Small items at 10:30, followed by farm equip, household & antiques sold at 11 AM. This equipment is nice.

Terms—Cash or acceptable check
Refreshments available

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VALUABLE 69-ACRE LANCASTER COUNTY LIMESTONE FARM

64 Acres Tillable

MANHEIM TOWNSHIP
Located At The Intersection Of Kissel Hill Road & Oregon Road, Lititz, Pa.

WED., FEB. 27, 1991

1 P.M.

OPEN HOUSE DATES: Fri., Jan. 25, 1-3; Feb. 1, 1-3. For Additional Information Contact Auction Firm.

High Assoc. Purchased This Farm In 1987 When It Was Zoned Industrial; Having Public Sewer & Water & Airport Nearby. High Assoc. Felt That This Was A Good Investment For Future Development. Since The Property Has Been Rezoned To Agricultural, High Assoc. Has Decided To Sell The Property, Since It No Longer Fits Into Its Strategic Plans.

2½ Story Brick Farmhouse With Wrap-Around Porch With Additional 1 Story Frame & Brick Summer House With Walk-In Fireplace. Modern Panelled Kitchen; LR, DR w/Wall-To-Wall Carpet; Parlor Room; 4 Lg. BRs; Full Attic; Arch Cellar Basement; Heated By Coal Stoker Hot Water Heat.

Large Frame Limestone Bank Barn Converted Into Open Horse Stalls. Concrete Block & Steel Cow Barn With 56 Tie Stalls With Automatic Barn Cleaner, Large Industrial Fans, Attached Milk House With 2 Feed Bins, 2- 18'x70' Concrete Stave Silos; 1- 12'x60' Concrete Stave Silo. Other Buildings Include Large 4-Bay Steel Pole Barn; Wire Corn Crib; Frame 4-Bay Garage; 20 Fruit & Nut Trees.

Terms: 10% Down, Balance By April 15, 1991. All Future Transferable Development Rights Will Be Included In The Auction.

T. Robert Appel, Atty.

Auction For:
HIGH ASSOC. LTD.

Auction Conducted By The
J. Omar Landis Auct. Service
Jay M. Witman AU001127-L
Box 501, Ephrata, PA 17522
717-738-7900, 665-5735

PUBLIC AUCTION

Auctioneers Harry-Speer-Speer
Clerk Coons-Coons

From Exit 14 On Pa. Turnpike, Go North On Route 75, 6 Mi. To Dry Run. Go West On Sweetwater Road & Watch For Sale Signs To Sale Site.

Saturday, Feb. 2, 1991

Beginning At 9:30 A.M.

HORSE DRAWN FARM MACHINERY

8 Ft. McDeering Grain Binder, 22 In. McDeering Thrashing Machine, McDeering Corn Binder, Loader Elevator For Corn Binder, Potato Planter, Potato Digger, Sprayer With 200 Gal. Tank, Int. Walking Plow, Live Feed Hammer Mill, 2 Ton Mixer Bin, 40 Ft. N-Idea Elevator, Cultimulcher, J-Deere Disc, J-Deere 2 Bottom Pull Plow, J-Deere 16 In. Single Bottom Plow, J-Deere #4 Grass Mower, J-Deere 24T Baler, J-Deere 14T Baler, (As Is), Int. Rolo Bar Rake, J-Deere 290 Corn Planter, J-Deere Wagon Gear, 2 Section Lever Harrow, Hay Tedder, Cultipacker, Case Silage Cutter, Vicon Fertilizer Spreader, 2 Sets Corn Workers, Ontario 13 Disc Grain Drill, Dump Rake, Chain Link Fence, Bob Sled, Farmhand Grinder Mixer, Round 10 Ton Storage Bin, Chrysler Power Unit On Wheels.

TRACTOR & MISCELLANEOUS & HORSES

656 Int. On Steel, Cut Off Saw, Table Saw & 4" Jointer- 18" Planer, Lunch Vise, Jig Saw-Compressor Unit, Forage, 2 Cylinder Wis. Motor, 5 H.P. Petter Engine, 2 Cylinder Lister Engine S-L-211, 10 H.P. Petter Engine, 275 Gal. Fuel Tank, 15 Milk Cans, Can Rack, 18 Can Milk Cooler, 5 Can Milk Cooler, 5 Farrowing Crates, Approximately 100-8" Cement Blocks, 2 Wagon Loads Of Small Farm Related Items.

2 Gelding Belgians 1-6 Yrs. Old, 1-4 Yrs. Old.
1 Gelding Percheron- 3 Yrs. Old.

HOUSEHOLD ITEMS

Bed, Mattress, & Springs, Clothes Closets, Hoosier Cupboard (Painted Green), Meat Slicer, Knee Hole Desk, Other Small Desk, Washing Machine, 2 Oil Heaters, Daybed, Canning Jars, Many Other Small Household Items.

Cash Or Approved Checks
Not Responsible For Accidents

JOHN L. HOSTETLER
Dry Run, Pa. 17220
Information On Sale Call 349-2838
Lunch At Sale

PUBLIC SALE

Household Goods - Antiques
Few Tools - Quilts - 10 Milk Cans
Saturday, February 2, 1991
9:30 A.M.

Sale Held In Lancaster County, PA, ½ Mile East Of Intercourse Along Route 772.

Household Goods - Etc.

Dated blanket chest; oak double bed; oak wash stand; Empire bureau exceptionally nice; grained blanket chest; Boston rocker; initialed wall towels & pillow cases; 6 matching cane bottom chairs; 2 matching plank bottom chairs; oak captain chair; 4 matching cane bottom chairs; rag carpets, nice; 2 old braided rugs, collector pattern; berry sets; wine set; wooden high chair; braided throw rugs; captain swivel chair; 2 mantle clock, 1 with brass feet; 1 chime clock; flow blue plates, cups & saucers; 200th Anniversary Intercourse book; 4 plank bottom matching chairs; 2 old benches; green child's plank bottom rocker; child's blind cupboard; 8 horse blankets; hydraulic press with valve; 2 large stainless steel kettles; **fainting couch; secretary desk;** child's plank bottom chairs; wheelbarrow; 12 gauge single barrel shotgun; 2 rolls heavy material used for horse blankets; 2 wheel break horse cart; napsack sprayer; Adler heavy duty industrial sewing machine; Singer heavy duty industrial sewing machine; bed springs; halters; one horse shovel harrow; one horse disk harrow; 30 gallon pressure tank; harness makers bench; dirt shovel; tobacco shears; set of driving harness; 2 extra collars; hammers & axes; 2 kerosene space heaters; hose; horse blankets; 36' heavy belting, heavy enough for cow mats; cleavers; carriage pole; 4" polyester belting; saddler's bench vice; many items and dishes not listed.

Sale held under tent - Bring lawn chairs

Owner:
Daniel S. & Susan K. Esh

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Lot Of Homemade Food

PUBLIC SALE

RESTAURANT EQUIPMENT
Market - Bakery - Butchering Supplies
Dispersal Of 2 Local Businesses
Steak House - Deli Market
Thursday, January 31, 1991
10:00 A.M.

Sale held in heated warehouse on Warehouse Road in Lancaster, PA, 1 mile West of Roots Auction. From Route 72 go West on Auction Road to Junction Road left. From Route 283, 20 miles East of Harrisburg at the East Petersburg Exit, go North to 1st road left to Junction Road right.

RESTAURANT EQUIPMENT

HOBART potato peeler; Jackson dish washer; HOBART 20 qt. mixer; bar-b-que merchandiser; **Vulcan** 4 burner gas oven with range; **Magic Chef** 2 burner gas hot plate over oven; 2 burner gas range hot top; 4 bay steam table; ELPACK vacuum sealer model 2002; waitress station with cold water dispencer and hot plate; **Berkel** stacker/slicer auto meat slicer; 12' stainless steel cold line; double stack convention gas oven; stainless steel tomato king; **Hollymatic patty machine;** stainless steel cooking kettles; stainless steel 300 lb. square meat bin on dollies; holding oven; 3 heat sealers; HOBART digital scales; **Toledo** meat scales with labeler; exhaust hood with ansul system; roof exhaust fans; make up air fans; stainless steel hand sinks; stainless steel warmers; dish racks; **check out counter; cash register station;** office supplies; calculators; combination safe; Frigidaire cook range; Frigidaire dish washer; tables; booths; chairs; 5 high chairs; dish racks; hot jelly counter; stainless steel tables; sheet/cookie pans; small food freezer; coffee urn; fold tables; stainless steel water stations; stainless steel oven shelf; stainless steel plate covers; stainless steel buckets; lot of cooking pots; **single glass door refrigerator;** stainless steel sink; lot of catering - baking supplies; large colendars; advertising signs; light fixtures; decorations; lot of cleaning supplies; many items not listed.

Owner:
Jack Gamaldi

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
Lic. #AU-001349-L

Refreshments at Sale Site

Public Sale

Moday Eve., February 4, 1991
6:00 P.M.

Real Estate

Located In Lancaster County, Pa. 2 Miles East Of White Horse Along Rt. 340.

App. 1 Acre Country Setting Great View Of Countryside.

Improvements Consist Of A Four Bedroom, Two And Half Story House, Eat-In Kitchen, Living Room- Laundry, Full Bath On 2nd Floor, Partial Bath On 1st Floor. To Large Barn 35x55, 2 Box Stalls, Forebay, Work Area, Also Free Standing Small Shed.

Terms: 10% Down Sale Day, Final Settlement By March 15, 1991.

Owners:
Samuel Mary Riehl

Auctioneer:
Steve
Steve Jr. Petersheim:
Lic. #AU-001349-L
Call For Appt. 215-593-2828

Public Sale

Valuable Real Estate
Sat., February 2, 1991
1:00 P.M.

Located Along Rt. 322, East End Of Blue Ball, East Earl Twp., Lancaster Co., Pa.

2½ Story Brick Frame Dwelling Kitchen With Built-In Cabinets, Stove, Built-In Oven And Inlaid Linoleum. Large Living Room With Hardwood Floor, Bay Window And Open Stairway. Large Dining Room With Wall To Wall Carpet. Family Room With Wall To Wall Carpet, Closet And Surdiac Coal Heater, Half Bath. **Second Floor:** Four Bedrooms With Closets, Two With Wall To Wall Carpet. Full Bath With Linen Closet, Attic With Hardwood Floor And Widow's Watch On Roof. Full Basement With Laundry Hookup.

Large Porch, Concrete Patio, Town-Water And Sewer. Practically New Water Softener, Oil Hot Water Baseboard Heat With Summer-Winter Hookup.

2½ Story Frame One Car Garage With Workshop Area And Frame Horse Stable Attached 14'x14' Dog Kennel, 3'x11' Gold Fish Pool, Shade And Fruit Trees, Shrubbery, Lawn And Garden, Blacktop Driveway.

Note: This Property Is Well Built And Kept, With A Scenic Country View. Only Minutes From New Holland, Ephrata, Honey Brook.

Open House: Saturdays, January 12, 19, 26 From 1-4 P.M.

Terms: 10% Down Day Of Sale, Balance March 15, 1991.

Sale For
Glenn M. And Elsie O. Martin
717-354-9917

Atty.
R. Douglas Good
Aucts.
Nevin Z. Martin AU1078L
Andrew M. Martin AU1771L
Not Responsible For Accidents

REAL ESTATE AUCTION

Subject To Confirmation
880+ ACRE "MOUNTAIN LAUREL FARMS"
Extraordinary Multi-Use Property!
As 3 Parcels, Combinations Or Entirety
RT 53 MOSHANNON (5 mi. W. of I-80 Snowshoe Exit 22)
CENTRE COUNTY, PA.

* NEW Fencing * NEW Gravel Roads * NEW Barn, Storage, Shelters, Corrals, Ponds, Horse Ring * Camphouse, Grazing & Wooded Lands, Hunting Paradise.

ATTENTION USERS/INVESTORS- Horse, Cattle, Trucking, Landscapers, Non-Profit, ETC!

AUCTION- SATURDAY, FEB. 9 at 2 PM
Inspect- SUN., FEB. 3, 12 to 3 PM
REQUEST COLOR BROCHURE

Broker Participation Invited!

KENNETH A. GEYER AUCTION COMPANY INC — The Real Estate Auctioneers
(215)834-SOLD • 834-1854 • FAX 834-1754

Public Sale

89 Acre Sandstone Dairy Farm
Saturday, Feb. 9, 1991
1:00 P.M.

Located along Martin's Drive and Brunner's Grove Rd., off Rt. 897, one mile south of Reinholds, East Cocalico Twp., Lancaster Co., Pa. Directions: From Ephrata take Rt. 272 north app. 7 miles to Rt. 897, turn left proceed app. 2 miles to Martin's Drive, turn left, first lane left. Watch for yellow sale sign.

A certain tract of land consisting of
89 Acres more or less
with app. 70 acres tillable, balance in pasture with stream, pond and woodland with sizeable timber. App. 1120' of road frontage. Zoned agricultural. Erected thereon a:

2½ Story Brick-Frame Farm House
with two story frame summer house attch. Large kitchen with built-in cabinets, Family room, Living room, Sewing room, Sun porch with toilet, Porch. Second floor: Six bedrooms, full bath. Attic storage. Full basement with outside entrance. Well with pressure system.

12'x45' Homette House Trailer

Stone-Frame Two Bay Bank Heifer Barn
with 30 free stalls and feeding area shed attch.

32 Stanchion Cement Block Dairy Barn
with barn cleaner and cement block milk house attch.

30'x72' Frame Tobacco Shed
with damping cellar and stripping room.

2 Frame Garages
5 car capacity. Small frame chicken house and hog sty.

Open House: Saturday, January 19-26 and February 2 from 1-4 P.M.
Terms: 10% down day of sale, balance April 1, 1991.

Sale For
Lucy G. (Martin) Weaver
Andrew W. Martin, P.O.A.

Atty.: Charles Snyder
Aucts.:
Nevin Z. Martin AU-1078-L
Andrew M. Martin AU-1771-L

Not Responsible For Accidents

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT MAR 16 - 9AM, Farm Equip., HH Goods & Tools, located along 772 South of Talmage, West Earl Twp, Lanc Co, PA, Aaron N and Esther Hoover, owners, Paul W. Horst and LeRoy S Horst, Aucts

SAT MAR 16 - 9AM, Farm Equip., Pickup Truck, Milking Equip, HH Goods, Collectibles and Books, located along Martin's Dr off Rt 897 1 mi S of Reinholds, Warren W and Anna Martin, owners, Nevin and Andrew Martin, Aucts

SAT MAR 16 - 9AM, Household Goods, Farm Equip and Livestock, located E. of Ephrata between Ephrata and Green Dragon turn right off of N State St on Mohler's Church Rd, first farm after church on right, Harvey S and Barbara W Martin, owners, Robert E. and Jeffrey R Martin, Aucts., Randal Ranck, Appr.

SAT. MAR. 16 - 9AM, Approx 400 Acre Farm, 6 Tractors, Machinery, Heifers and Misc, located in Clinton Co 1 mi S of Mill Hall, PA, on Rt 150, turn W onto twp Rd., travel 1¼ mi to farm, behind the Bald Eagle Municipal Bldg, Harry Bechdel, owner, Mark Glick, Auct

SAT MAR 16 - 9 30AM, Farm Machinery and Ear Corn, located in Huntingdon County, PA, just off Rt. 453, 6 mi S of Tyrone, PA or 2 5 mi N of Water St Intersection, Mr. and Mrs Fred Martin, owners, Ron Gilligan, Auct

SAT. MAR. 16 - 9.30AM, 2 Parcels of Land-98 Acres and 19 Acres Mountainland, Farm Equip, 1978 Chev Caprice Classic, located 1 mi. W. of the Village of Leck Kill, lower Northumberland Co., 18 mi. SE of Sunbury, 50 mi N of Harrisburg, between Rt s 225 and 125 along the Red Cross to Pitman Rd, Schwaben Cree, Valley Farm-Maynard Geist and Joyce Geist, owners, Deibert Auctioneers.

SAT MAR 16 - 10:30AM, Excellent Line of Farm Machinery, located in Snyder Co, along Rt 522, between Middleburg and Beavertown, PA, Harold S. Hassinger, owner, Ken Smith, Auct

MON MAR. 18, Farm Equipment Consignment Auction, located at 169 N Groffdale Rd., Leola, PA, M. M Weaver & Sons, Inc., owners, Paul E. Martin Auction Service, Aucts

TUES MAR. 19, Conignment Auction of Tractors, located at 169 N. Groffdale Rd., Leola, PA, M M Weaver & Sons, Inc, owners, Paul E. Martin Auction Service, Aucts.

TUES. MAR. 19 - 9AM Quilt, Craft & Buggy Auction- Buggies- 1 PM A.&C. Diffenbach Auction Inc., 100 W Jackson St., Box 186, New Holland, Pa 17557

WED MAR. 20, TUES. MAR 21 and WED. MAR 22, Three Day Sale of Farm Equip., etc., at Marion, PA, Ralph W. Horst, Mgr.

WED. MAR. 20, Farm Machinery, 3 Tractors, Etc., on farm 9 mi NE of Montoursville, PA, Emery & Dorothy L. Plank, owners, Fraley Auction Co., Aucts.

WED. MAR. 20 - 9AM Quilt, Craft Auction. A.&C. Diffenbach Auction Inc, 100 W. Jackson St, Box 186, New Holland, Pa 17557

THURS. MAR. 21 - 11AM, Easter Lamb Sale, at New Holland Sales Stables, New Holland, PA

FRI. MAR 22, Horse Drawn Farm Machinery, Horses, Dairy Herd, etc., on farm 3 mi. N. of Turbotville, PA, Ervin & Anna Nissley, owners, Fraley Auction Co., Aucts.

FRI MAR. 22 - 9AM Easter Rabbit, Poultry, Fowl Sale, Receiving 7 until 9AM, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

FRI. MAR. 22 - 12:30PM, Easter Lamb & Goat Sale, Receiving 7 Until 11AM, Exit 12 E off I-81, Carlisle Livestock Market, Inc.

SAT. MAR 23, Farm Equip & Cattle, located RD 1, Shippensburg, PA, Paul Tosten, owner, Melvin Sensenig and Nevin Martin, Aucts

PUBLIC SALE

HORSES, HORSE DRAWN EQUIPMENT, MISC. HOUSEHOLD ITEMS, ETC.

SAT., FEB. 9, 1991

9 A.M.

On the premises at 1605 Fonderwhite Rd., Lebanon, between Lebanon & Buffalo Springs, Leb. Co. Watch for sign at Lanc.

8 Work Horses & 1 Colt, Harness, Lines, Etc., Nice Open Buggy w/Hyd. Brakes.

Oliver 88 Gas Tractor (Tricycle), 22" Frick Thresher w/Heineke Feeder, JD Corn Binder w/Engine & Clutch, Long & Short Elevators, 8 & 9 Ft. Field Cultivators, 10 Ft. J.D. Fertilizer Drill, 3- #8 N.I. Spreaders (Need Repairs), 9 Ft. J.D. Disc, 9 Ft. Cultipacker, 2- 9 Ft. J.D. Spring Tooth Harrows, 9 Ft. Roller, 4 Carts (1 Auto. Turn), 2 Flat Wagons (Easy Trail Gears), 160 Bu. Bin Wagon (8 Ton Gear), 2 Mc. 16 Disc Drills (1 For Parts), 2 Row Zook Cultivator, 3 Riding Cultivators, McC Ensilage Cutter, Pr. 1 Mc Picker, VH4 Wisconsin Engine w/Reduction, J.D. 640 Rake w/ Dolly, 2 J.D. #4 Mowers, Rubber Wheels For #4 Mower, A.C. Krimper, 68 Hayliner w/VE4 Engine, Mc #10 Mill w/Traveling Feed, Gehl 8" Mill, Plate Mill, 2 Feed Mixers, N.H. Corn Sheller, J.D. 43 Sheller (P.T.O.), 7 & 8 Ft. Mc Grain Binders, Mc #56 2 Row Planter w/Fert. & Gandy Applicators, Mc 450- 4 Row Disc Planter, Oliver 4 Row #402 Planter, 2 Mc 2 Way Plows w/ Oliver Bottoms, Set Of Mc Plow Chief Bottoms, Oliver 3-12" Trailer Plow, 28 Ft Zimmerman Elevator, 24 Ft. Lavelle Conveyor On Wheels, 40'x4", 20'x6" & Other Grain Augers, Tractor Winch Cart, 2 Cyl. Wisconsin Engine w/Clutch, Vac Away Seed Cleaner, J.D. Mower & Krimper & Other Implements For Parts, 12' Weeder, Hay Tedder, Flail Chopper Etc.

#40 Oliver Plow Shares & Parts, Wheelbarrow, 2 Feed Carts, Antique Wagon Wheels, Hog Feeders, 4 L P Gas Piggie Feeders, Wire Hog Panels, Drums, Baskets, Poultry Equipt., Asst. Hand Tools, Forks, Etc., Implement & Tractor Manuals, Set 1974 Thomas Register Books.

2 Drop Leaf Ext. Tables, Tilley Heater, Gas Lights, Large Wooden Desk, Bureau, Rocker, Berry & Egg Crates, Antique Fire Extinguishers & Other H.H. Items.

Sale Order— Wagon Items, H.H. Items, Equipment Then Horses.
Sale Time 9 A.M.

Conditions By

AMOS S. KING
1605 Fonderwhite Rd.
Lebanon, Pa. 17042

Auct. G. Harvey Welk
#AU-000988-L
Clip & Save This Adv.

Lunch By Amish School

COMPLETE DISPERSAL SALE

OF FARM MACHINERY-TOOLS TRUCK-MILKING PARLOR-HOUSEHOLD ITEMS

SATURDAY, FEBRUARY 23, 1991

At 9:00 AM Sharp!

Due to the undersigned quitting farming, will have public sale on the premises located off Route #30 at York, PA taking Route #74 North 3-miles to Brooks Drugstore then turn west ½ mile to sale. (Sale signs posted at Farm Lane).

3-TRACTORS-3 FARM EQUIPMENT

J.D. #4010 Diesel, 16-9-38 Tire; J.D. #3010 Diesel, 14-9-36 Tire; JD #50 Gas Trac, Less 3 Pt., New Tires; Set J.D. 4-Row Cultivators; J.D. F-350 Plow, 5-16" hydraulic reset; J.D. #7000 Conservation no-till planter, like new w/soybean attachment, monitor & herbicide; J.D. #336 Baler w/thrower; 2 J.D. 2-Row Mtd. Corn pickers, one w/#50 shelling unit; J.D. 12' Transport disc w/all new blades; J.D. 4-Sec. Rotary Hoe; J.D. 6' angle mtd. scraper blade, 3-Pt.; 4 J.D. HD cylinders; N.H. #354 Grinder Mixer; N.H. #717 forage harvester w/blade sharpener; N.H. #519 spreader, dbl. beater & T bar link; Nice Ideal storage feed tank, 3 Ton capacity; Bush Hog chisel plow, 10-Tooth, 3-Pt.; Bush Hog Mdl. #207 7' rotary mower; Allis ensilage blower w/48 fan & pipe; Allis 6' flail chopper; Oliver trail 7' sickle bar mower; Oliver 4-sec. spring tooth harrow; Brillion 3-sec. cultipacker; Trail 300 gal. fiberglass tank field sprayer; 2 Papec chuckwagons w/ reverse gear box; Huskie gravity box wagon; Snowco Mdl. #800 trail grain box w/auger; 4 Nice wood rack bale wagons w/14' & 16' beds being J.D., Grove & Huskie 4 & 6 Tons; Mayrath 40' elevator w/motor; Little Giant 20' bale handler w/motor; Int. #14 bar rake; Handy #680 power hi-pressure washer; Plainsman cattle hd. gate; Elec. tractor seeder; 2 Ensilage carts; Howe 1,000# platform scales; Aluminum 32' shifting ladder; Wooden silo, 10'x30' dismantled & in dry; 10 Pipe gates, 10' to 16' long; Few wooden gatews; 3 40" roll doors w/track; 4 Wooden feed troughs; 10 Bales of twine; 275 gal. fuel tank; 200 8x8x16" cement blocks; 4 Oil drums w/pumps & oil; 3 Barn fans; Log chains; Baled hay; Old 1-row corn planter; 2 Wagons loaded w/tools.

TRUCK-MILKING PARLOR-HOUSEHOLD ITEMS

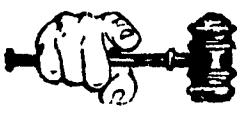
1957 Chevrolet #4400 Truck w/4-Speed trans., cattle racks & roofs, Good tires in nice condition; Universal herringbone double 4 milking parlor w/weight jars, glass pipeline, auto. washer & 4-unit pump; Barn oil burning furnace; Wards auto. washer; Microwave; 3 beds, 1 a kingsize, 1 dbl. & 1 single, all w/box springs & mattresses; Sofa; Swivel chair; End tables; High chair; Youth crib; Elec. lights; Cooker canner; Jars & many items not listed.

NOTE: This sale consists of a fine lot of mentioned items being well cared for. ORDER OF SALE: Household items, Tools, then machinery.

TERMS: Cash, Travelers Or Personal checks w/approval.

Not responsible for accidents
Lunch stand at sale.

MR. & MRS. WILLIAM A. GERBER, JR., Owners
3708 Davidsburg Road,
Dover, PA
Phone: 717-292-2521
Clair R Slaybaugh, Auctioneer
Phone 717-677-7479 PA Lic. #856L



TWO DAY PUBLIC AUCTION

OF ANTIQUE TRACTORS, ENGINES, NEW USED AND ABUSED FARM EQUIPMENT

THURSDAY, FEBRUARY 21, 1991
FRIDAY, FEBRUARY 22, 1991

Auction Both Days At 8:30 A.M.

Located ten miles east of Lancaster, 2½ miles west of New Holland, turn off of Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd., Lancaster County, Pa.

The following to be sold Thursday, February 21, 1991:

TRACTORS

Farmall 806D, 560 Standard D, M, A with cultivator and saw, Case 500, 900, 930, L.A., AC 7G track loader, JD 60, Massey Harris pony with mower, 88 Oliver gas, Ford all wheel drive truck with 50' two man hyd. aerial bucket, 2010 JD track loader.

NEW EQUIPMENT

NI 323 picker, NI 206 spreader, Stoltzfus liquid spreader, 8' portable manure pump, NH 456 mower, 30' and 36' NH elevator, Farmbilt 6 ton wagon gear, Int. trailer spin spreader, several Forecarts, 9' spring harrow, 20 blade disk harrow, 3 pt. blade, 4' and 6' roller harrows.

USED EQUIPMENT

NH 311, 273, 68, 67, 66 balers, JD 336 baler, McC. 46, AC 444 baler, NI 323 and 325 pickers, NH 256, 56, 55 rakes, NI 4 bar rake, NH 456, 455 trailer mowers, Vicon 281 disk mower, NH mower and 402 crimper combined, 12' bushhog, McC. and JD horse mowers, NH 401, 402, 404 and NI 751, 752 crimper crushers, Grimm and Nickelson tedders, JD and McC. 2 and 4 row regular and plateless cornplanters, NI 10A, 12A, 14A 17 and 206 spreaders, JD tank spreader, disk and spring harrows, rollers and cultipackers, Oliver 12", 14" and 16" and JD trailer plows, White Horse plow, JD and McC. two way plows, McC. and JD pto and ground drive cornbinders some like new, McC. 9, 7, 5 silo fillers, Papec model L cutter, C40 Gehl cutter, gravity and flat wagons, NI 3 pt. and ground drive tobacco planters, Mechanical transplanter, McC. grain binder, grain drills, Wisconsin 2 and 4 cyl. engines, Amish carriage, new and used harnesses and horse hitches, locust posts, AK the tool man will be here.

BE ON TIME: FARM MACHINERY AT 10:00 a.m. THIS IS ONLY A PARTIAL LISTING.

The following to be sold Friday, February 22, 1991:

STEAM ENGINES

Frick 8½ x10 traction engine in good condition, Serial No. 20100; 10 hp Peerless portable steam engine.

ANTIQUE TRACTORS

10 ton Austin gas roller, painted and stripped in 1989, 2 cyl.-2 stage 200 psi compressor driven by 1 cyl. air cooled engine, Westinghouse air horn; Rumley 20-30W Oilpull tractor; JD 830 with cab; 730, 70, R, D, JD 40 and 420 crawler, 1919 Model C Avery tractor; Leader farm tractor; JD open post A; AR; Massey Harris 4-wheel drive; IHC - W 400; W30; F20; Super M; OS6; W4; W9; 010-20; 10-20; 5 Silver King tractors 3 and 4 wheels; 2 Porsche tractors; Oliver 60 standard; 60 row crop wide front; 70 Hart Parr; MM 670 diesel; MM Model U, Oliver HG crawler; David Bradley with family; Oliver 88 gas, RD 6 cat; R5 cat.

ENGINES

3½ hp Gilson; 5/3 hp Nelson air cooled; Fairbanks; IHC Hercules; 3 hp Jeager; Economy; plus others; truck for 1 hp Mogal; Maytag engines; New Holland scale model engine.

MISCELLANEOUS

Chase shingle mill in running order; 1 horse tread power; JD Dain corncutter; Sterling thresher hand fed built for IHC; Studebaker wagon with water tank; JD girl bicycle, rare; NH feed grinder and saw bucks; JF lite grain binder; A and W pto driven Dynamometer, Farghuar sprayer.

CAST IRON SEATS

We have at least 30 seats from England. Some listed very, very rare. Plus lots of American seats of all descriptions.

PARTS AND LITERATURE

Old tractor parts, oilers, mags, carbs, iron men album, gas engines, engines and engineers, plus lots of other literature, farm tools. Robert Lefever the fender man will be here. This is only a partial listing.

TERMS BY:

ELIAS S. BEILER
601 Musser School Rd.
Leola, PA 17540
Phone: 717/656-9733

AUCTIONEERS:
Robert E. & Jeffrey R. Martin
717/656-7770-AU000580-L
Blaine & Nevin Rentzel, Bob & Dennis Wolgemuth, Ed Goodrich Jr.
CASH OR GOOD CHECKS- CLOSE SUNDAYS
Food By Bareville Aux.

MOST EQUIPMENT LIKE NEW — DON'T MISS THIS ONE!!

AUCTION

SATURDAY, FEBRUARY 2, 1991

9:00 A.M.

MODERN FARM MACHINERY, TOOLS, 3 TRACTORS & HOUSEHOLD GOODS

Located At 103 Cherry Hill Road. Take Rt. 30 East Of Lancaster, PA Approximately 9 Miles To Town Of Paradise, Turn South (Right) At Paradise Fellowship Church Onto Singer Avenue, Then Left On Cherry Hill Road Approximately 1 Mile To Farm Lane On Left. (Follow Auction Arrows Off Rt. 30)

FARM IS SOLD- Selling Everything

IH 756 DIESEL TRACTOR, WIDE FRONT END WITH CAB & HEATER, POWER STEERING, LIVE HYDRAULIC- 2 OUTLETS, ALL NEW RUBBER LESS THAN 1000 HRS. SINCE OVERHAUL- NICE; Farmall 200 Tractor- fast hitch; **2 PT. OR 3 PT. REAR SCRAPER BLADE;** tractor weights; **IH 544 GAS TRACTOR WITH 2000 LOADER, 3 PT., POWER STEERING, 2 HYDRAULICS, LIVE POWER, LESS THAN 1000 HRS. SINCE OVERHAUL;** Badger 8 H.P. bedding chopper; IH 531- 3 pt. 3 bottom plow- 16 inch bottoms; 275 gal. oil tank; approximately 3000 tobacco lath; 2-36 inch barn fans; **WINCO 1500 KW GENERATOR ON TRAILER;** 8 ft. conveyor with 1 H.P. motor; McCurdy corn elevator; **N.I. 3626 HYDRAULIC GATE & UPPER BEATER MANURE SPREADER PTO DRIVE- ABOUT 1 YR. OLD-LIKE NEW;** 24 ft. feed wagon on rubber; J.D. flatbed wagon; 7 ft. snow plow; hayrack; 2 pt. fast hitch cultivator; 2 pt. fast hitch IH sickle bar mower-trailer type; **NEW IDEA 702 UNI-TRACTOR V6 GAS ENGINE 2 ROW PICKER, CAB WITH HEATER, LOW HOURS-NICE;** Handy Industrial 1000 PSI portable pressure washer; N.H. 489 haybine; **IH 56 CORN PLANTER- 4 ROW WITH DRY FERTILIZER & INSECTICIDE APPLICATOR;** 6 calf hutches; IH 540 4 bottom plow- 16 in. bottoms; Farmway gutter cleaning unit with 3 H.P. motor; Puch bike & moped; 135cc Suzuki cycle; 30 ft. New Holland elevator on Trailer with 1 H.P. motor; **J.D. 328 BALER WITH #40 HYDRAULIC BALE KICKER- LIKE NEW; KEMIFLOW APPLICATOR;** N.H. 56 hay rake; 5 feed carts; pump; 8 ft. & 10 ft. silo pipes; 40 ft. wooden extension ladder; tobacco hoers; 3 section spring tooth harrow; **2 GRAVITY BIN WAGONS ON RUBBER;** alfalfa drill; Minnick & Grider tobacco boxes; Fairbanks platform-scales; 28 ft. aluminum extension ladder; tobacco stove; **PEQUEA PTO 8 FT. HAY TEDDER;** Jamesway shuttle stroke barn cleaner unit; 80 gal. electric hot water heater- like new; **225 AMP LINCOLN WELDER;** 3 circulation barn fans; box end wrench set; IH 350 transport disk on rubber 32 blades; 13 ft. Dunham cultipacker; **10 FT. BRILLION CULTIPACKER ON TRANSPORT- RUBBER TIRE;** 12-38" & 11-36" tractor chains; handyman jacks; pipe wrenches; double stainless steel tank, strainer & 2 buckets; drill press; 40 cow trainers; **3 HAY WAGONS-N.H., GROVE, EASY-TRAIL- 6 & 8 TON GEARS;** cross cut saw; level; sump pump; cow kickers; 3 sleds; 2 wheelbarrows; Sunbeam cow clippers; **STIHL 18 INCH CHAIN SAW MODEL 032-NICE;** shovels; forks; electric fencers; barn desk; Western saddle & bridle; heater; 1/2 inch drive socket set; hydraulic jacks; 300 gal. tank with pump; 1 Ton Peerless chain hoist; 1/2 H.P. air compressor; plus a full wagon load of tools & farm items. **1ST & 3RD CUTTING ALFALFA HAY; APPROXIMATELY 600 BALES FODDER.**

HOUSEHOLD GOODS

Refrigerator; patio furniture; extension table; Hotpoint washer; 2 benches; kerosene heater; comfort woodstove; swing; flat top wood desk with drawers; radio; mirror; chest of drawers; Magic Chef electric stove; drum table; glassware; apartment size washer & dryer; 2 file cabinets; Victor tape calculator; Rockwell calculator; & more..

TERMS: Cash- No Out of State Checks.
Good Food Available
All statements made day of auction take precedence over all previous advertisements. For Information Phone 717-687-0836 after 5:00 P.M. only.

TERMS BY:

JAMES W. & DALE BOWMAN
103 Cherry Hill Road,
Paradise, PA

AUCTIONEERS APPRAISERS

RON FUNK AU-314-L GORDON RESSLER AU-1575-L
Paradise, 442-4279 Paradise, 687-7402
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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAR. 23, Farm Equipment, located Roxbury, PA, James R. Geyer, owners, Melvin Sensenig and Nevin Martin, Aucts.

SAT. MAR. 23 - 9AM, 135 Acre Farm W/nice land layout of whicl app. 18 acres are wooded, 2 story farmhouse, large barn w/hay drying unit, outbuildings, Farm Equip., Tools, etc., located in Snyder Co., PA, along Rt. 204 between Kratzerville & New Berlin, Red Ridge Farm-Ernest & Dorothy Ritter, owners, Longacre & Lauver, Aucts.

SAT. MAR. 23 - 9AM, Farm Equip., Tools, Butcher Equip., Guns, located 1 mi. S. of Greenbrier, Northumberland Co., PA, Merlin "Jack" Bordner & Bessie Bordner, owners, Deibert Auctioneers.

FARM EQUIPMENT AUCTION

For Martin R. Lillya
609-299-4037

Tuesday, February 12, 1991

9:30 A.M.
Haines Neck Rd.
Mannington Township, N.J.
4 Miles From Delaware Mem. Bridge
(Near Pennsville)

COMBINE: 1976 JD Model 3300 (1517 hrs.).

TOMATOE HARVESTER: 1982 Portorway Harvester w/all hydraulic (mint.).

FARM TRACTORS: 1987 2294 Case International w/cab & air, 1971 JD 7020, 1968 JD 4020 w/front end d/o/, 1967 hi crop JD 3020 w/cultivators & WFE, 1967 Chisholm Ryder, 1955 Farmall 200, 1969 white forklift hi mast Model 710.

TRUCKS: 1975 White Cabover freight liner 318 Detroit 13 sp (142,688 original miles) 1975 GMC (9500) 318 Detroit, 13 sp. (Majored 88), 1976 Int. 3208 Cat eng., 6' box cabover, 1963 Chev. w/16' box, 1969 chevy 1½ ton 390 gas w/dual tires, 1959 mack w/ single axle, 1974 15 passenger Ford Econo line Van, 1957 Ford R-600, 1952 Army truck 2½ ton.

TRAILERS: 1974 40' Fontaine, 1975 40' Fontaine, 1971 TRLMB 40', 1970 40' GRDN, 1964 40" TRLMB, 1953 36' TRLMB.

FIELD EQUIP.: JD on-land automatic hitch 16"- 7 bottom plow, JD 15' JD Disc harrow, JD 5 pt. subsoiler, JD 19' Land leveler, Ford 5 bottom plow, Oliver 4 bottom plow, 4 row Oliver cultivator (hardly used) 3 row Lilliston cult., 3 row plastic mulch layer w/3 drip tape attachments, 2 new holland pot planters (assorted pockets) 6-33 JD Planters, 5-71 JD units, 3 JD 71 Planters on tool bar w/gauge Granular dist., 500 gal. 25 RC-TR FMC Hydralic blast sprayer, clark weed killer sprayer w/200 gal. tank, Zimmerman 300 gal. tank sprayer, 2 row asparagus plow w/tool bar, single axle dolly, dual axle dolly, asparagus cart.

WAGONS: JD tandem axle steel body (26' long) 1-20' steel body, 2-20' wooden wagons, 4-4 wheel wooden wagons, new holland hay elevator.

PACKING HOUSE EQUIPMENT: Ag-1 ag-pak vegetable grader, washer, brusher, waxer (4 years old in like new condition) Kerian speed sizer, roller conveyors, pallet jack, 4-foot staplers, 4 hand staplers, Asp. bunchers.

IRRIGATION EQUIPMENT: 1988 bauer hardnose 125-360 turbine (1180 feet), 1986 Hobbs hardnose tandem axle w/1250' 671 Detroit Diesel w/Berkly pump, (1500 GPM), JD 6414D hale pump (800 GPM), Greenfield soft hose traveler, 660'-330' two hoses cable, boss winch w/660' soft hose, 2-hale PTO pumps- 10000 RPM spline, Berkley Deepwell Pump (Brand new) 6000' 4 inch aluminum pipe, 5000' 6" aluminum pipe, various fittings, rain bird guns, 3 pipe trailers, complete drip irrigation systems ready to go. 2 yardney filters (will do 20 acres) 2 murphy shut off switches (brand new), chrysler pump w/bad engine, Ford pump w/bad engine, Approx. 100 Buckner Sprinlers.

MISC.: Approx. 300 Pallets, 1200 tomatoe hoops, 300 wooden sash, 1900 plastic 5/8 baskets, orange fish baskets, 7500 storage boxes, 20,00 x-1 y-1 trays & inserts, small melon cartons, 1/2 bugen veg. boxes, many other items 12'x24' office trailer.

AUCTIONEER'S NOTE: Everything well taken care of and maintained, owner or seller note responsible for loss or injury. Out of state checks must have a bank letter of credit.

DIRECTIONS: From Delaware Memorial Bridge, take Rt. 40 East to Blinker light, turn right and go 2.2 miles to second blinker light and go 8/10 mile to sale. From Commodore Barry Bridge take 322 East to Kings Highway turn right to Swedesboro and take 551 through Auburn to Rt. 40.

Ralph D. Hughes, Auctioneer Appraiser
1-609-589-6465

22 TRACTORS - 8 COMBINES - IMPLEMENTS PLANTERS - MG REPLICA

EVERYTHING MUST GO--IT'S TIME TO CLEAR THE LOT!

AUCTION SALE

Jones Implement Co. is moving to a new location. Everything on the yard will be offered for sale at Public Auction on:

Saturday, February 2, 1991

Beginning at 10:00 AM

U.S. Rt. 50 - Cambridge, MD

Cambridge, MD is 80 miles south of Baltimore, MD on U.S. Rt. 50. Good motels within walking distance of the Auction.

1981 MG REPLICA, CONVERTIBLE, EXCELLENT CONDITION

TRACTORS

JD 8650, 1982, 4WD, PTO, 3 pt., 3400 hours; JD 4955, 1990, MFWD, duals, 5 yr. warranty, 950 hours; JD 4850, 1987, 2200 hours, MFWD; JD 4630, 1976, 4WD, duals, power shift, 4400 hours; JD 4650, 1985, MFWD, duals, 3600 hours; JD 650 w/60" belly mower, 380 hours; JD M w/cult and plows; IH 4786, 4WD, duals; IH 140, cultivator, 1 row; Cub 154 w/60" mower, 3 pt.; Super AV Farmall w/cult.; Farmall H, drawbar only; MF 65 w/LDR, new motor, gas; MF 65, gas; AC 5050, diesel, MFWD; AC D-17, gas w/loader; 4 - JD B's styled, not running; JD 2950, MFWD, ROPS; JD 4440, Cab, QR; JD 4450, MFWD, Power Shift; Farmall Super M; JD 2550 Tractor, 4000 Hrs., w/JD 245 Loader; IH 544 Diesel Tractor; AC D-17 Gas Tractor.

COMBINES & HEADS

JD 9600, 1989, 4WD, duals; Case IH 1680 combine, 1990, 445 hours w/1020 20' flex head, 1083 8-row 30" corn head, like new; JD 922, 1989, 22' flex head; JD 7720, 1980, 4WD, 30.5L-32 tires; JD 920, 1989, 20' flex head; JD 6600, 1977, 404 engine, hydrostatic; JD 216, 16' flex head; JD 7700 salvage only, diesel; JD 222F, 22' flex head; JD 222F, 22' flex head, rough; JD 444, 4 row, C.H., hi-tin; JD 444, 4 row, C.H., hi-tin, rough; JD 7700 diesel; JD 7700 gas; JD 6600 - salvage only.

LAWN & GARDEN

JD 216 w/46" mower; Gravely; JD STX 38 w/bagger; Bolens w/blade; JD 68 rider; A-18 washer; Garber 5' spreader; Cub 126; JD 210; JD 140; JD 118 washer; JD 332 diesel, 46" mower; JD 160; JD STX30 w/bagger (new); JD 57 rider; JD tiller; 21" elect. start; JD 212 46"; Snapper; Toro w/blade; JD 112; MC lawn Gen.

PLANTERS

JD 7000 6 row, plateless, no til, dry fert; JD 7000 6 row w/5 row splitter, dry fert; JD 7000 8 row, plateless, no til, dry fert; JD 7000 8 row plateless, no til, dry fert; JD 7000 8 row, liquid fert. attach (less openers); JD 7000 4 row, rough; JD 7100 soybean special, 12 row new lift assist wheels, 3 bushel hoppers; JD 7000 8 row, plate type, no til; JD 71 flex pltr., 6 row, coulters, no til; JD 71 flex, 8 row, no til; IH drill 510, single disk; Haybuster 1206 no til drill, 12", 6" spacing; IH 2 row planter, pull type; JD 7000 1 grow front fold planter.

PLOWS

IH 2 bottom plow; 3 bottom pt. plow; JD 145 8-16" plow in furrow; JD 2 bottom plow; Graham Hoeme 22' chisel; MF 5 bottom plow; JD 4-16" F145, in furrow; KMC 8' chisel, 3 point hitch, JD 2 bottom plow; JD 5 bottom 14" 3 pt.; Case 5 bottom 14" 3 pt.; JD 1450 7-16' in furrow; JD F145 5-16" in furrow; JD 2600 6-18, in furrow.

TILLAGE EQUIPMENT

Brillion 28' X Fold Crowsfoot Packer, 28' Dunham-Lehr Flat fold crowsfoot packer; Brillion 23' crowsfoot packer; Brillion 21' cultimulcher; JD BW disk, 12'; Dunham 14' crowsfoot; JD BW disk, 10', JD 215 disk 14'; Chattanooga 18' crowsfoot; Brillion 15' mulcher; Field cultivator 23' C shank; 25' rolling basket attachment for field cultivator; 14' crowsfoot packer; JD 12' 3 pt. field cultivator, C shank; 30' Krause rockflex disk; 32' Brillion crowsfoot; 12' Brillion mulcher; Brillion 16' solid w/transport - like new; IH 25' chisel plow, wing fold.

MISCELLANEOUS

JD A Tractor w/woodsplitter conveyor and dump wagon; Fuel tank on skid w/ pump; JD 4 row cultivator; Grain bin jacks; 1972 Oldsmobile car; Insecticide hoppers; 60 gallon 3 pt. sprayer; 14.9-28 duals less clamps; 15.5-38 duals less clamps; Endwise transport for planter; JD 454 bean head; 2 New Woods RM 59 mowers; JD 3 pt. sickle; MC 15' flail mower; MD 4 row cult; 46 LDR for JD 4010 less bucket; Bucket; JD Bucket; Woods 8' blade; Hardee 4' hog; New Holland Mower cond.; JD 58 Sprayer; JD 506 cutter; JD 205 cutter; JD 7' pull type cutter; KMC rolling cult; Wagon w/sides; JD sickle mower; Golfcart, electric; Bulldozer blade; Van trailer (2); Woods blade; JD 27 flail mower, 15'; Woods C-80 cutter, twin spindle; IH 60 flail mower, 15'; Woods blade, 8'; JD 737 cutter, center gearbox bad; JD 127 cutter; JD 6' cutter, 3 pt. hitch; JD 6 row cult; 4 row Farmall cult for M; AC Model 1436 Disc, 15' excellent; Donahoe Implement Trailer.

Terms: All items subject to prior sale. Good check day of sale.

Jones Implement Co.
Rt. 50 - Cambridge, MD
301/228-0922

Pete Richardson Auction Sales, Inc.
P.O. Box 51, Willards, MD 21874
Office - 301/546-2425

PETE RICHARDSON AUCTION SALES
PO Box 51 Willards MD 21874

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

SAT. MAR 23 - 9.30AM, Full Line of Farm Equipment, Corn and HH Goods, located 3 mi E. of Lancaster turn off Lincoln Hwy. E. on Strasburg Pike, 3 mi. S to Pioneer Rd turn left 1st lane left, J Robert and Dorothy Musser, owners, Robert E. and Jeffrey R Martin, Aucts.

SAT. MAR. 23 - 9:30AM, Modern Line of Ford Farm Machinery, RE-206 Acre Farm, 100 Acre tillable w/ main house, barn & rental properties, located off Rt. 150 at Centre & Clinton County line, approx. 2 mi. N. of Beech Creek, PA, Mr and Mrs. Gerald DeFour, owners, Ron Gilligan, Auct.

SAT. MAR. 23 - 10AM, Farm Machinery, 118 Holsteins and Produce, located Westfield, PA, Mr. and Mrs Maynard Sherman, owners, Pirrung Auctioneers, Inc., Aucts.

SAT. MAR. 23 - 10AM and 2PM, Lancaster County Farms, 10AM-Sun Hill Farm, located at the corner of Bucknoll Rd. & Woodlot Rd., Penn Twp., 85.3 Acres; 2PM-Landisville Farm, located just off Shenck Rd., E. Hempfield Twp., 71.7 Acres; Trustees Under The Will of Naomi N. Risser, T. Glenn Horst and Sons, Aucts.

SAT. MAR. 23 - 12:30PM, 206 Acre Farm, Machinery & HH Goods, located Clinton Co , PA, approx 3 mi. N of Rt. 150 at Beech Creek, PA, Ronald J Gilligan, Auct

THURS. MAR 28 - 1:30PM, State Graded Feeder Pig Sale, at Carlisle Livestock Market, Inc , Exit 12 East off I-81

SAT MAR 30, 3 Tractors, Farm Machinery, HH Goods, etc , on farm 3 mi S. of Balls Mills, PA, Lyco. Co , Harry O & Lillian Myers, owners, Fraley Auction Co., Aucts

SAT. MAR 30 - 9AM, Farm Equip., Tools, Antiques, Farm Collectibles & HH Goods, located at 96 Spring Run Rd., Conestoga, PA, B Frank & Emma Lehman, owners, Ron Funk and Gordon Ressler, Aucts.

SAT. MAR 30 - 10AM, Tools, Guns, House Goods and Tractors, locatd 387 Furnace Rd., Quarryville, PA from Strasburg take Rt 896 to May Post Office Rd., approx. 8 mi. S. turn E on Furnace Rd., Mrs. Jim (Martha) Boose, owners, Kreider, Kline & Good, Aucts

SAT. MAR. 30 - Tools 11AM, Tractor 12Noon, RE 2PM, 19.6 Acre Chicken Farm, Farm Equip., HH Goods, located at 315 Swamp Bridge Rd., West Cocalico Twp., Lanc. Co., PA, Raymond B. Martin and Esther H. Martin, owners, T. Glenn Horst and Sons, Aucts.

April

MON. APR. 1 - 10AM, Farm Equip., Truck, Antiques, HH Goods, located E. of Boyertown, Exit off Rt. 100 go E. on Rt. 73 thru Gilbertsville, at Bermont Chrysler dealer go straight onto Swamp Pike, go 1.4 mi. to Junction Rt. 663 in the Village of Swamp, continue one block to farm on left, Montgomery Co., PA, Norman (Barney) Gaugler, owner, Ralph W. Zettlemoyer, Aucts.

MON. APR. 1 - 10AM, Complete Potato and Grain Farm Dispersal, located Avoca, NY, Mr. and Mrs. Lem Morrell, owners, Pirrung Auctioneers, Inc., Aucts.

WED. APR. 3, Farm Machinery, 3 Tractors, Etc., located 3 mi. SE of Lairdsville, Lyco., Co., PA, Raymond & Sally Brinckman, owners, Fraley Auction Co., Aucts.

WED. APR. 3 - 6 PM, Wholesale Wood Furn. & Craft Items Auction. A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

FRI. APR. 5, Kling's Annual Farm Machinery Consignment Auction, located Landisburg, Perry Co., PA, Kling's Auctions, Inc., Sale Mgrs.

FRI. APR. 5 - 10:30AM, A Full Line of Modern Farm Machinery, located in Mifflin Co., 5 mi. W. of McVeytown, PA, turn S. off Rt. 22 at Atkinsons Mills, 2 mi. to farm along Mt. Hope Rd., Wilber Coulter, owner, Mark Glick, Auct.

FRI. APR. 5 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

SAT. APR. 6, RE, Antiques, Tools, HH Goods, located 408 W. Main ST., New Holland, PA, Paul D. and Mabel M. Plank, owners, Paul E. Martin Auction Service, Aucts.

Public Auction

Every Fri.

4 P.M.

Furniture 7 P.M.

Located: Green Dragon Market & Auction.

Antiques & Household Goods & Tools & Produce.

Consignment Welcome. Pickup Service Available. Call (717) 733-8192.

Wolgemuth Auction Service

Dennis, #2357 **Bob**

Res. (717) 664-3893 **Res. (717) 665-6684**

PUBLIC SALE

FEED MANUFACTURING & GRAIN STORAGE EQUIPMENT

FEB. 20, 1991

TIME 11:00 A.M.

LOCATION: 300 South Carlisle St., Greencastle, Pa. 17225 (Just Turn South at the Square).

ITEMS: 1-ton Sprout-Waldron (floor fill) mixer, 2-ton Sprout (top fill) mixer, 1-Sprout Molasses Mixer (top fill), 1-Junior Sprout Pellet Mill & Cooler, 1- 9" by 36" Sprout Oat Crimper w/20 Hp Motor, 1-6" by 24" Corn Crimper w/10 Hy Motor, 1- Howe-Sprout Grainer Cleaner, 1-Western Corn Sheller & Cleaner, 1-Daffin Hammer Mill w/50 Hp Motor, 1-4 cylinder GMC Diesel Power Unit, 1-Richardson Semi-Auto. Bagging Scale, 1-Minneapolis Sewing Machine, 1-22 Ft. 40,000 lbs. Truck Scale, 1-Overhead truck dump lift, 1-Oil-fired Steam Boiler (for pellet mill).

SILOS: 4-9 ft. Dia. side draw steel silos (20 tons), 3-15 ft. Dia. 30 ft. high, 6000 Bu. grain silos.

Grain Drier: BERICO 500 bushel per hour (Oil Fired) 1-20 ft. drying section, 1-10 ft. cooling section, with fans, motors, etc.

ALSO: Various metal and wood elevators, Screw Conveyors, electric motors, and some office equipment.

ALL ITEMS WILL BE SOLD IN PLACE. CASH AT TIME OF SALE. INSPECTION: 9:00 Day of Sale.

SELLER: E.L.M. FEEDS INC.

(Owner)

JOHN C. ESHLEMAN

AUCTIONEER:

STULL #AU300921-L

ROBERT RODICHOK

FARM MACHINERY AUCTION

Friday, February 15, 1991 — 9:30 A.M.

(Machinery & Large Equipment — 12:00 Sharp!)

Located in Upper Dauphin Co., Pa.; from Elizabethville take Rt. 209 north to the Village of Loyalton, turn left at the blinker light, go 1 mile to first dairy farm, turn left at barn, go 1/4 mile, 1st hard road to the right.

TRACTORS - TRUCKS - COMBINE - HAYBINE

J.D. 4455 4WD - Cab, Air, Stereo- Loaded- 116 Hrs. (New Tractor); J.D. 4440 - Cab, Air- Approx. 3000 Hrs.- Quad Range- New Rubber- Ex. Condition; J.D. 2940 4WD- Roll Bar- New Rubber- Very Nice; J.D. 2940- 2WD- Good Shape; J.D. 2840- 2WD- Good Shape; J.D. #212 Lawn Tractor; J.D. 1250 4WD- Diesel- 110 Hrs. w/#100 Front-End Loader, #10 Backhoe & Power Angle Snow Blade- Like New Tractor; J.D. 6620 Titan II Side-Hill Combine- Loaded 714 Hrs.- Sells With JD 215 Grain Head; J.D. 643 6RN Corn Head Sells Separately; N.H. 1499 Haybine w/209 Hrs.- Cab, Air, Stereo- Loaded- New Machine; N.H. L555 Skid Loader- Diesel- 554 Hrs.

TRUCKS - CARS

1987 F800 Ford Dump Truck- 7000 Mi.- Like New; 1987 F700 w/Alum. Grain Dump Box- 22,000 Mi.- Great Condition; 1989 Ford F250 4x4 Pickup- Good Condition; '76 Chevy C-60 Dump Truck; '76 Cardillac Coupe Deville- Loaded- 1 Owner; '77 Chevy Nova- 78,000 Mi.; '76 Ford Pickup- F250.

PLANTING - TILLAGE - HARVESTING

J.D. 7240 6R Planter- Liq. Fertilizer- Best Monitor- Used 1 Season; Hay Buster 107 No-Til Drill- Like New; N.H. 782 Harvester- 2 RW Or Narrow Hd. & Grass Pickup Hd.; N.H. 326 Baler w/Kicker; (4) Danco Pipe Hay Wagons- N.H. Gears; (2) Badger BN950 Forage Wagon- 1 w/ Tandem Axle; M.F. Forage Wagon (Same As Badger); (2) Badger BN542 Blowers; N.H. 258 Hay Rake- Hyd. Driven w/Front Wh.; Kuhn 16' Hay Tedder; White #466 10-Chisel Trail Plow; (2) J.D. 5-Bottom Plows; Ford 246 12' Disc; N.I. Single-Row Corn Picker; N.H. 680 Manure Spreader; N.I. 206 Manure Spreader; Zimmerman 36' Elevator- 1 Yr. Old; Little Giant Corn Drag; 12' Cultipacker; J.D. 709 Rotary Mower; 40-Cow Green Feed Wagon; McCurdy Gravity Bin; 1000 Gal. Liquid Fertilizer Tank; 300 Gal. Liquid Fertilizer Tank; AVCO E-Z-FLow Fertilizer Spreader; WeaverLine #330 Elec. Feed Cart; 20' 6 Inch Auger; Hydraulic Auger For Bin Wagon Or Truck; J.D. 290 Trail Planter - Like New; 2-Cow Cattle Cart; BroyHill Field Sprayer.

-COMMERCIAL SEED CLEANER-

Super 147 B Clipper w/Calkins Slurry Treater #520; Bucket Elevator, Assorted Screens, Cleans & Treats 125 Bu. Wheat/Hr.- Good Shape.

MISC. ITEMS INCLUDE-

Knipco Space Heaters; Vise; 300 Gal. Fuel Tank; Air Tanks, ¾ " Drills; Farm Gates; Drinking Cups & Parts; (3 Wagon Loads Of Misc. Farm Items- Sell First).

Sale Order- Wagon Items 9:30 A.M.; Machinery & Trucks Start At 12:00 Sharp!

I.D. Required For Bidder's No.

Not Responsible For Accidents

Owners:

ROBERT J. &

JEAN L . RODICHOK

R.D. #1, Box 208

Lykens, Pa.

717-362-9233

Sale Managed By:

KLING'S AUCTION SERVICE

R.D.#1, Box 66

Landisburg, Pa. Lic. #500

717-789-3883 (Office)

Notice- Out-Of-State Buyers & Buyers Not Known By Auctioneers, Please Bring Current Letter Of Credit From Bank Or Certified Funds.

PUBLIC SALE

OF FOUR OUTSTANDING LANCASTER COUNTY FARMS

283 TOTAL ACRES

To Be Sold As Follows:

SAT., MARCH 2, 1991

AT 10 A.M.

"MASTERSONVILLE FARM" - Located along Wisgarver Rd., Rapho Township, Lanc. Co., PA. (Directions: Rt. 72 North of Manheim, turn West onto Elizabethtown Rd., turn North onto Wisgarver Rd.)

80.5 ACRES w/double dwelling. Fine Lanc. Co. architectural brick barn, frame tobacco shed. Lots of road frontage, zoned rural.

SAT., MARCH 2, 1991

AT 2 P.M.

"AUCTION FARM"- Located along Rt. 72 South of Manheim, at the corner of Rt. 72 and Auction Rd. (Adjacent to Manheim Auto Auction), Penn Township, Lancaster Co., PA.

45.8 ACRES double dwelling, frame barn.

ROAD FRONTAGE 1087' along Rt. 72, 1635' along Auction Rd.

ZONED COMMERCIAL 500' depth along Rt. 72, balance rural.

SAT., MARCH 23, 1991

AT 10 A.M.

"SUN HILL FARM"- Located at the corner of Bucknoll Rd. & Woodlot Rd., Penn Township, Lancaster Co., PA. (Directions: Rt. 72 South of Manheim, turn East onto Bucknoll Rd.).

85.3 ACRES Limestone & brick farmhouse, frame barn, frame tobacco shed.- Silo.

ROAD FRONTAGE 4,072' along Woodlot Rd., 873' along Bucknoll Rd.

ZONED Rural.

SAT., MARCH 23, 1991

AT 2 P.M.

"LANDISVILLE FARM"- Located just off Shenck Rd., East Hempfield Township, Lancaster Co., PA. (Directions: Rt. 283 West of Lancaster to Salunga Exit, turn North onto Spooky Nook Rd. to Shenck Rd., to farm lane on right.)

71.7 ACRES Stone farmhouse, frame barn, frame tobacco shed.

ZONED A-1.

Entrance to farm on private lane from Shenck Rd. Beautiful setting along Chiques Creek.

BE SURE TO INSPECT THESE OUTSTANDING LANCASTER COUNTY FARMS! For descriptive auction brochures w/photos & drafts, please call or send to:

T. Glenn Horst & Sons
12 Fairview Dr.
Akron, PA 17501
(717) 859-1331 or (717) 738-1245
Terms By:

Trustees Under The Will Of Naomi N. Risser
Evelyn R. Marvel
Frances R. Sexauer
John W. Risser

J. David Young,
George Morgan,
Harry Garman, Attys.

HORST AUCTS.
T. Glenn AU438L
Timothy G. (717) 859-1331 — (717) 738-1245
Thomas A. *VOICES OF EXPERIENCE"*

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

PUBLIC AUCTION

Of Valuable Mules, Horses, Farm Equipment, Dairy Equipment

Saturday, February 2, 1991

Auction Time: 9:00 A.M.

Location: 10 Tanyard Road, Conestoga, Pa. From Lancaster, South Prince St. (Engleside) Follow New Danville Pike (Rt. 324) 3 Miles To New Danville. Straight Thru At Light In New Danville Approx. 2 Miles To Tanyard Rd. Turn Right To Farm On Right, From Lampeter Strasburg Area, Follow Penn Grant Rd., N. To Danville Pike To Auction, Pequea Township, Lancaster County, Penna.

MULES AND HORSES

(1) Pair Sorrel Mules 11 Yrs. Old, Sound
(1) Single Sorrel Mule, Works Well
(2) Work Horses, 8 & 10 Yrs. Old, Sound

* 1 Load Of Driving Horses From Reuben Stoltzfus*

Farm Equipment: IH W-6 Tractor, On Steel, Good Cond.; New Holland #273 Baler w/Engine; New Holland #225 Mower w/New Idea Crimper w/Engine; New Holland #56 Hay Rake w/Rubber Teeth; New Idea Hay Bar Rake, Tedder; Pequea Hay Tedder; John Deere #5 Mower; (2) 18' Flatbed Wagons; Pequea Hydraulic 2 Bottom Plow, Auto. Reset, 2 Yrs. Old; John Deere KBA 28 Disc; John Deere KBA 24 Disc; 3 Section Spring Harrow; 9' Brillion Cultipacker; 10' Double Packer; IH #56 4 Row Cornplanter; IH 2 Row Corn Planter; 2 Way Plow; Pequea Manure Spreader, w/ Hyd. Endgate; Field & Crop Sprayer w/100 Gal. Tank, w/Pump & Engine; Field Sprayer, w/200 Gal. Tank, No Booms; McCormick Corn Binder w/Loader, Ex. Cond.; McCormick #7 Silage Cutter, Just Overhauled; 16' Denlinger Silage Cutter, Good Cond.; New Idea #323 Cornpicker, 1 Row; (3) Fore Carts, 1 Auto. Turn, 1 w/Hillside Hitch; 2 Row Cultivator; 1 Row Cultivator; 2 Row Stauffer Transplanter; (2) Killbros. Gravity Wagons, On Steel, 220 Bu.; Smoker 28' Elevator, w/Hyd. Unit; Harvest Handler Elevator, w/Kohler Engine; Wood Splitter, w/36" Cylinder; McCormick Corn Binder For Parts.

Milking Equipment: (3) Bodmin Nu-Pulse Milker Units w/60 Lb. Pails; Surge Alamo #40 Vacuum Pump w/Westfalia Regulator; Sputnick, 300 Lb. Cap.; (4) Stainless Steel Milk Strainers; S.S. Carrying Pails; 30 Gal. Hot Water Heater, L.P. Gas; (2) Delaval Milker Units w/Extra Pail; Cow-Cu-Lator, 60 Head; Lanc. Silo 36 In. Barn Fan w/ Engine; Milker Washer Unit.

APPROX. 50 TON EAR CORN

Approx. 30 Ton Mixed Hay; Baled Corn Fodder; 1½ Ton Steel Feed Bin; (2) 4 Unit Calf Hutches; Poly Calf Hutch; (15) Rubber Cow Mats; 200 Amp. D.C. Scottwelder w/16 HP B&S Engine; 2 Ton Chain Hoist; Flat Belts; Front Gear Harness; Collars; Bridles; Checklines; 4, 6, 8 Horse Hitch; Single And Double Trees; Stihl Chain Saw; Fencers; Grease Gun; Cattle Duster; Brooms; Forks; Shovels; Scrap Iron; Approx. 2 Wagon Loads Of Small Items.

Butcher Equipment: Kettle Furnace; (2) Iron Kettles; Meat Grinder; Sausage Stuffer; Also Misc. Household Items.

Note: Nice Selection Of Horse Drawn Equip. Please Plan To Attend This Auction.

Terms: Cash Or Good Check Day Of Auction, Out Of State Buyers Must Have Bank Letter Of Credit.

Auction For

Elam S. & Sally S. Stoltzfus

Auction Managed And Conducted By:

John D. Stauffer *Auctioneers*
Phone 717-665-5099
AU-1509
1484 Mt. Rd.,
Manheim, Pa. 17545
Food At Auction

SAT. APR. 6, Farm Mahcinery, 2 Tractors, Small Items, 3 mi. N. of Unityville, PA, Harry and Beulah Swisher, owners, Fraley Auction Co., Aucts

SAT. APR. 6, Consignment Auction, Farm related Items Only, Barry and Debbie Kerstetter Farm, Barry Kerstetter, Auct.

SAT. APR. 6 - 9AM, Farm Equip. Consignment & Related Itesm, located 2 mi. E. of Village of Bethel along Old 22, Berks Co., PA, Dwight D. Miller, Auct

SAT. APR 6 - 9AM, Manheim Farmshow Annual Benefit Auction, at Farmshow Building on Adele Ave., Manheim, PA, J. D. Stauffer Aucts.

SAT. APR. 6 - 9:30AM, Farm, Industrial, Lawn & Garden, located Honesdale, PA, Marshall Machinery.

FRI APR 12 - 9AM Farm Equipment Auction A &C Diffenbach Auction Inc , 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

FRI. APR. 12 - 1:30PM, State Graded Feeder Pig Sale, at Carlisle Livestock Market, Inc , Exit 12 East off I-81.

SAT APR 13 - 9AM, Household, Quilts, Cars, Farm Equip. & More, located 1 mi. S. of Village of Rehrersburg, PA, Berks Co., for Teen Challenge, Dwight D Miller, Auct.

SAT. APR. 13 - 9AM, Wolgemuth's Annual Consignment Auction-Farm Equip , Lawn & Garden, Small Tools, located Manheim, Lanc. Co., PA, Bob Wolgemuth, Mgr.

WED. APR. 17 - 6:30 PM, Guns & Winross Truck Auction. A &C. Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

FRI. APR. 19 - 3PM, 4th Annual Pfeiffer Hill Consignment Auction-Lawn & Garden Tractors and Equipment, from Exit 21 of PA turnpike, take Rt. 272 S to first light, turn left on Church St. through Reamstown to Red Run Rd , turn left, go 1/10 mi., turn left on Steffy Rd., approx. ½ mi. to sale on right, Kline, Kreider & Good, Aucts

FRI. APR. 19 - 7PM, Spring Heifer and Feeder Cattle Sale, Receiving 9AM until 3PM, Exit 12 E. off I-81, Carlisle Livestock Market, Inc

SAT. APR 20, Real Estate of a Corner Lot, Household, Guns, Tin Toys, Lumber & More, located 1 mi S of I-78 Exit 2 on Rt 645, village of Frystown, PA, Berks Co., Mr and Mrs. Paul Berger, owners, Dwight D. Miller, Auct

SAT. APR. 20 - 9AM, 82 Acre Farm with House and Barn, Antiques, HH Goods, located 2 mi NW of Middleburg, PA in Kississimmee, Estate of C.B. Bowersox, owner, Ken Smith and Dennis Hassinger, Aucts.

FRI. APR. 26 - 1:30PM, State Graded Feeder Pig Sale, at Carlisle Livestock Market, Inc., Exit 12 East off I-81.

FRI. ARP. 26 - 6PM, Annual Spring Heifer Sale, at Belleville Livestock Mkt., Belleville, PA, 300-400 head open and bred heifers, Mark Glick, Auct

FRI APR 26 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

FARM TOY AUCTION

5th Annual FARM TOY AND TOY TRUCK SHOW & AUCTION

339 E. MAIN ST., NEW HOLLAND, PA.

SATURDAY, FEBRUARY 2nd, 1991

Snow Date- Feb. 9th
BENEFITS THE LOCAL FIRE COMPANY
SHOW OPEN 8:30 TO 3:00,
AUCTION AT 5:00 P.M.
Auction Mgr. Dave Nolt (717) 768-3554
SHOW MANAGER: IRV MARTIN (717) 354-9967

PUBLIC AUCTION

MODERN FARM EQUIPMENT, TRUCKS; SILAGE BUTCHERING EQUIP.; NI 802 4x4 UNI TRACTOR

FRIDAY, FEBRUARY 8, 1991 AT 9:30 A.M.

North Of Easton & 1-1/2 Miles N Of Martins Creek Along Rt. 611 Toward Mt. Bethel, Northampton Co., PA.

TRACTORS

Ford TW-15 w/cab, air, etc. 371 hrs., w/20:8x38" Dyna torque radial; Ford 8210 w/cab, air, etc., 1427 hrs., 18.4x34" rubber; Ford 5000 3 pt. & extras; Same Tiger 100 hp w/cab, 2800 hrs.; Farmall 706 diesel w/3 pt., wf, & 540 & 1000 RPM shafts; Int. 2350 frt. end loader.

TILLAGE & PLANTING

Int. 724, 4-18" spring reset pl; Int. 3 pt. 10 tooth chisel pl w/depth wheels; Ford 241-20' wind disc w/dual transport wheels; Brillion 10' cultipacker seeder; Brillion 16' hyd. fold wing transport harrow; Vemeir (Haybuster) no till 17 disc grain drill; White 5100, 6N row no till planter w/dry fert.; Vicon 800 lb. 3 pt. fert. spreader; Vicon LS-1910-T tandem axle traction drive 500 gal. sprayer w/in line tank, 42' boom & foam markers; McCurdy fert. unloading auger.

MISC.

Winpower 40,000 kw pto alternator; Ford 3 pt. post hole digger; Int. mod. 50 flail stalk shredder; Westgo 3 pt. 6 rn culti; NI 353 tandem axle manure spreader w/liquid pan; 100 gal. pickup field fuel tank; 500 lb. platform scale; port stable fan; Coats 40-40A auto air tire changer; Micro wheel balancer; Penna two hole sheller; 3 & 5 hp elec. motors; CTN 100 torpedo heater; suitcase & rear weights; 9:00x20 tires & rims & others; shop tools; chicken plucker; water conditioner; submersible shallow well pump new; 52 gal. hw heater; poultry equip.

SILAGE: Approx. 400 ton of 1989 corn silage to be paid in full day of auction.

HAYING

NH 489 haybine; Kuhn 4 star 17' pto hay tedder; NH 256 & 258 rakes; NH twin windrow hitch; NH 326 baler w/hyd. bale ejector; NI 484 rd baler; 3 pt. rd. bale carrier; 5-18" metal bale wagons all on NH gears; 3-16' wdn. bale wagons; NH 42' bale & c elev; Zimmerman 28' bale & c elev; 24' pipe hay elev; NH 50 hay mow elev.

FORAGE & GRAIN

New Idea 802, 4x4 Uni tractor w/duals w/the following: 813 grain flex head; 717 combine; 737 husking bed; 843 narrow picking head; 767 super chopper; 768 wide or narrow three r forage head; Int. mod. 100 pto blower; 4 various size gravity wagons; Moridge 275 batch grain dryer; Westfield 51'x8" transport auger; MFS 3300 bu grain bin w/distributor, aerating (lr & circulating fan (SP); 4 1600 burd wire cribs (2) are Behlens; Schuld 6 ton feed bin w/unloading auger.

TRUCKS

Ford F-700 w/Louisville cab & 16" Knapheide grain dump body; 1971 Ford F-600 w/14' grain dump; 1977 Ford F-350 w/10' Eby alum. body; 1987 Ford 250XL diesel w/3 spd. auto. trans., 32,500 miles.

BUTCHERING EQUIP.

CI butcher stove & kettle w/gas burner; rd & sq scalding troughs; Enterprise self contained elec meat grinder; sausage stuffer.

NOTE: This equip looks nice, you must come see.

Terms—Cash or acceptable check, out of state checks must be accompanied by a current bank letter of credit stating amount qualified to be spent on auction day.

For:

MICHAEL & EDITH PALMER

Refreshments Available

P O Box 215 • Fogelsville, PA 18051 • 215-395-8084 • License #AU001809-L

RALPH W **ZETTLEMOYER AUCTION** CO., INC

FIREARMS AUCTION

Nazi German Items
Located 3 Miles SE Of Carrollton, Ohio (Canton Area) On SR 43 To Canyon Road-Turn South

SUNDAY, FEBRUARY 3, 1991 - 10:30 A.M.

Approximately 250 Rifles - Shotguns - Revolvers Including: Rem Mod. 12, 12 Ga. Pump; Fox 16 Ga Dbl ; Win. 94, 30-30; Whippet 22 Mod. C: Win. Mods. 02, 04 & 06; Rem O/U Derr; Beretta Mod. 950EL (NIB), Maverick 9mm (NIB); Win. Mod. 370, 410; Win. Mod 84, 12 ga; Stevens Mod. 9478 (NIB); H&A #722; Nova Stun Gun; Polytech Gamekeeper 6, 12 Ga. O/U; DWM German Luger, 7.65mm; etc. German articles: SS Collar Tabs; Herman Goring Tank Officer Collar Tabs; Jewish Concentration Camp Badges; Elite Guard Bayonet, 20¾ "; Non Comm Officer's Dress Bayonet, Gestapo ID Badge #5365; SS Dinner Jacket Insignia; "Nordee" Badge; SS, Swastika and Luftwaffe FD Eagle Silver Tie Tacs; Nazi Arm Band; Mauser Bayonet; German Dagger Books, etc. **Misc. Items Include:** Compound Bows w/ Accessories; Knives; Scrimshaw WW I & WW II Shell Cases; Holsters, Assorted Ammo; Japanese Imperial Marine Helmet Insignia; 1776 Continental Dollar; Coins; Books; Etc. Open at 8:00 AM for Inspection.

Garner Realty & Auctioneers
Carrollton, Ohio 44615
(216) 627-5573

ORIENTAL RUGS, CARPET, TILE LOCKSETS, CABINETS, BATH FIXTURES, CANDY INVENTORY, FURNITURE, APPLIANCES

TUESDAY, JANUARY 29 - 10 A.M.

1825 E. BOSTON AVE., PHILA., PA.

SALE FOR ACCOUNT OF UNDERWRITERS AND OTHER ACCOUNTS COMPRISING IN PART·

ORIENTAL RUGS, CARPET, MARBLE TILE

700 Sq Ft Marble & Granite Tile 3/8x12x12 (Spumoni & Opal Grey), 400 Oriental Rugs 3x5 to 8x10 In A Full Assortment of Styles & Colors, 5,000 Sq Yd Broadloom Carpet - Residential & Commercial 8 to 15' Widths to 120' Long Asst Weaves & Patterns, Styles & Colors

LOCKSETS, KITCHEN CABINETS, BATH FIXTURES

100 Wood Kitchen Cabinets - Wall, Base, Sink, End, Corner & Utility, 550 New Packaged Yale Lockets - Entrance, Privacy & Passage in an Assortment of Finishes, Bathroom Fixtures, Molded Fiberglass Tubs & Tub Modules, Whirlpool Tubs, Wood Vanities w/Tops, Marbella Vanity Tops, Lavatories, Drop In Sinks, Medicine Cabinets, Light Bars

$22,000 CANDY INVENTORY

Tootsie Rolls, Now & Laters, Mike & Ike's, Jolly Joe's, Red Hots, Twizzlers, Sweethearts, Fruit Tellas, M & A's, Jaw Breakers, Root Beer Barrels, Mints, Butterscotch, Sour Balls, Charm Blow Pops, Swell Bubble Gum, Jelly Slices, Wrigley s Doublemint & Freedent Gum, Cough Drops, Halls Vitamin C Balloons, Toys w/Candy, Party Favors, Etc

FURNITURE, APPLIANCES, TELEVISION

Dressers, Night Stands, Headboards, Mirrors, Tables Molded Lounge Chairs, Settees, Shelves, Unpainted Chairs Tables, End Tables, Bookcases, etc Table Lamps w/ Shades, Vases & Urns, Asst Brassware, 5 G E Color 21 T V 's Elect Eye Level Range, 2 Gas Ranges, 3 Refrigerators, 2 Automatic Washers, Dryer

INSPECTION: MONDAY, JANUARY 28 - 9 A.M. to 4 P.M.
TERMS: CASH OR CERTIFIED FUNDS - 25% DEPOSIT REQ.

PA AUCTIONEERS LICENSE NO. AU000175L

ESTABLISHED IN 1834
COMLY *Auctioneers*
WM. F. COMLY & SON, INC.

1825 East Boston Avenue
Philadelphia, PA 19125
(215) 634-2500

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

May

SAT. MAY 4, Annual Feeder Cattle Sale (App 250) to be held at Alvin Wenger Farm 4 mi S of Port Trevorton, PA, Alvin Wenger, owner, Fraley Auction Co , Aucts

SAT MAY 4 - 9AM, 20 Year Train Collection Auction- G Martin, Owner. A &C Diffenbach Auction Inc , 100 W. Jackson St., Box 186, New Holland, Pa 17557

SAT MAY 4 - 10AM, Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA.

SAT MAY 4 - 10AM, Ringo Hills FArm machinery and Tool Auction, located Port Allegany, PA, Pirrung Auctioneers, Inc., Aucts.

FRI. MAY 10 - 9AM, Farm Equipment Auction A &C Diffenbach Auction Inc., 100 W Jackson St., Box 186, New Holland, Pa 17557

FRI MAY 10 - 1.30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc

FRI. MAY 10 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA

SAT. MAY 11 - Horse and Tack Sale, Used Tack 6:15PM-New Tack at 7PM-Horse Sale 9PM Sharp! Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

FRI. MAY 17 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

TUE MAY 21 - 9AM, Quilt, Craft, & Buggy Auction-Buggies- 1 P.M A &C Diffenbach Auction Inc , 100 W Jackson St., Box 186, New Holland, Pa 17557.

WED. MAY 22 - 9AM, Quilt, Craft Auction A.&C. Diffenbach Auction Inc , 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

FRI MAY 24 - 1.30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

SAT. MAY 25 - 4 45PM, Farm Toy Consignment Auction at the Farm & Home Center, off Rt. 72, Lancaster, PA, Toy Show Same Day 9AM-2:30PM, Dave Nolt, Auct. Mgr.

JUNE

SAT. JUN. 1 - 10AM, Registered Heifer Sale, at New Holland Sales Stables, New Holland, PA.

FRI. JUN. 14 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

WED. JUN. 5 - 6PM, Wholesale Wood Furn. & Craft Items Auction. A &C Diffenbach Auction Inc., 100 W. Jackson St , Box 186, New Holland, Pa 17557.

FRI. JUN. 7 - 9AM, Farm Equipment Auction. A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa 17557.

WED. JUN. 12 - 6:30 PM, Guns & Winross Truck Auction. A.&C. Diffenbach Auction Inc , 100 W. Jackson St., Box 186, New Holland, Pa 17557.

FRI JUN. 14 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA.

FRI. JUN. 28 - 1.30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

JULY

FRI. JULY 12 - 9AM, Farm Equipment Auction. A.&C Diffenbach Auction Co., 100 W. Jackson St., Box 186, New Holland, Pa 17557

DAIRY AUCTION

Friday, February 1, 1991

- 11:00 A.M.

Selling at Kling's Sale Barn, located 15 miles north of Carlisle on Rt. 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.

100 HOLSTEINS

Consisting of 60 Just Fresh or Very Close 1st & 2nd Calf Heifers. Some Milking over 80 lbs./day- 1/2 Registered.

Some of the Sires of Animals Selling Include... Astro Jet, Count, Sammy, Sexation, Marlin, Matt Lancer, Majesty and others.

"This is a Fancy, good-uddered Group of Young Cows- Ready to go to Work! All Registered Heifer Calves also sell! (Call to find out if any Special Mention).

12 Recently fresh 1st-Calf Grade Heifers from Northern Pa. Several Milking 70 Lbs./day- Quality Udders!

Also Selling... 20 Open Registered Yearlings all from a Local Herd. Sired by... Ned Boy, Beautician, Count, Vanguard and others. All Calfhood Vaccinated- Records on Dams and Gr.Dams to over 22,000m and 900 fat.

Don't Miss this Group!

Several Other Local Consignments.

Sale Managed By....

KLING'S AUCTIONS, INC.

R.D.#1, Box 66

Landisburg, Pa. Lic. #500

717 789-3883

KLING'S AUCTION SERVICE

PUBLIC AUCTION

FARM MACHINERY - ANTIQUES

SAT., FEB. 16, '91

9 A.M.

Location: 340 Hollow Rd., New Providence, Pa. Take Rt. 272 South of Lancaster app. 13 miles, turn left on Truce Rd. to second crossroad midway between Truce & New Providence.

TERMS BY:

AI RORABAUGH, JR.

Auction Conducted By:

Kreider, Kline & Good

Lic. #000513L,

717-786-3394

KREIDER & KLINE AUCTIONEERS

LOTS OF LUCK JERSEY FARM COMPLETE DISPERSAL

Saturday, Feb. 16, 1991

****11 AM**Elmira, N.Y.**

103 Registered Jerseys

66 Milking Age, 10 Bred Heifers, 24 Open Heifers & Calves, 1 Service Age Bull And 2 Bull Calves (Interstate Tested-Health Charts Day Of Sale-Preg. Ex.)

****Featuring Today's Top Genetics****

Sires Include: Brigadier, Top Brass, Duncan, Sooner, Ledgend, Yankee, Brass Top and Silver Saint.

Service Sires Include: Babes Lad, Brigadier, Skyline, Bernard, and Bold Venture.

Also Selling 2 Tractors And A Full Line Of Machinery.

Watch Next Week's Paper For A Complete Listing.

OWNERS:

Stephen and Diane Mundrick

For The Most In Advertising Coverage And Preparing Your Sale!!

Sale Managers:

WOODS AUCTION SERVICE

Gordon Wood And Sons

Mansfield, PA

717-549-4901

Auction

ANTIQUES, FURNITURE, COLLECTIBLES, COINS, ETC.

FROM THE HOME OF

MR. & MRS. MAHLON RAUB OF RED LION,

WHO OPERATED A GROCERY STORE IN RED LION FOR MANY YEARS, AND FROM A HOME IN YORK.

SATURDAY, FEB. 2, 1990

9:00 A.M.

To be held within Winterstown Fire Company Hall, approx. 4 mi. southeast of Red Lion, PA along Rt. 24. From Rt. I-83 take Exit #1, go east on Rt. 851 to Mill St. in Stewartstown. Left to Stop at Main St., (Rt. 24). Left and go north 4 mi. to hall on left.

ANTIQUES, FURNITURE, COLLECTIBLES, COINS, ETC.

Beautiful crotch mahog DR suite w/Duncan Phyfe table, 6 fine chairs and a breakfront and Hepplewhite style buffet w/floral inlay - this kind don't come along very often, two 12x12 Karastan rugs in good cond, ornate hanging parlor light, Duncan Phyfe dropleaf DR table; ogee mirror, Hoosier-style kitchen cab - painted; 6 plank bottom chairs; 4 oak chairs; child's rocker; 2 oak flower pedestals, 2 mahog single beds; vanity dresser, child's chair & rocker, single hollywood bed; pine chest of drawers; Whirlpool window AC, 2 treadle sewing machines, Victorian platform rocker, baby crib, easel, 2 oil paintings, other pictures, 2 antique typewriters, 2 elec heaters, swivel oak desk chair, coverlet, 1930s iron trick dog bank; several old character filmstrips; farm toys; beautiful old doll, tiny bisque babies, small black doll, linen tablecloths; decoy; sm egg basket; paper disp from store; orig. signed pen & ink - framed, copper washboiler, old elec. coffee grinder, 7-Up clock, Fishel's Bread sign; asstd old Coke signs & store sign, old cookie & cracker lids - Stauffer, Nabisco, etc; computing scale; Blue Willow pcs, 2 kerosene lamps; asstd. costume jewelry and other jewelry, 2 ea Red Lion Golden Jubilee & Diamond Jubilee flags; 1932 flag from Geo Washington's birthday bicentennial parade, Civil War bayonet, WWII bayonet, Daisy pump B-B rifle, lg. Busch Beer tiffany style light shade, Budweiser light, old post cards & paper goods; asstd lamps; picture frames, 50's elec. football game; toys & games; asstd collectibles; many cigar boxes, many asstd. good cigar bands; cigar boards, cutters, knives & racks; Erector set w/orig. box & book; Lionel train in pcs, several very old mixing bowls; ironstone dishes; sm stained glass window; antique scooter; clarinet; old banjo; weight bench & barbells; asstd. dishes; etc; etc.

TERMS: CASH TO STRANGERS.
CHECKS WITH ACCEPTABLE I.D.

BOB & TOM SECHRIST, AUCTIONEERS

Lic. Nos. 820 & 821

ANDERSONS & SECHRISTS, CLERKS

DELICIOUS FOOD BY WINTERSTOWN FIRE COMPANY AUXILIARY

BOB & TOM SECHRIST Auctioneers
Fawn Grove, PA 382-4379
Red Lion, PA 244-2875

"Total AUCTION Service"

PUBLIC AUCTION

WEDNESDAY, JANUARY 30, 1991

BEGINNING AT 10 AM ON PREMISES

MILLHURST MILLS, FREEHOLD, N.J.

Directions: 3 miles West of Freehold Circle, 1 Block off Rt. 33 Southside.

VALUE $998,700.00 INVENTORY

CABINETS, CERAMIC TILE, CARPET, BUILDING SUPPLIES

STARTING AT 10 AM: VANITIES, PLUMBING, CABINETS, WHIRLPOOLS, DOORS: 78 BIDETS, TOILETS, PEDESTAL SINKS, 67 TUBS CAST IRON, 80 FIBERGLASS & ACRYLIC SHOWERS & TUBS, 150 TUB AND SHOWER DOORS, 1480 RAISED PANEL AND IMPORTED GENUINE CHERRY, CHESTNUT, OAK & WHITE KITCHEN CABINETS & VANITIES, 75 NEW COUNTERTOPS, 65 MEDICINE CABINETS, 12 ACRYLIC TUB SHOWERS, 150 TOILETS - ASST COLORS

LOCKS & HARDWARE: 390 LOCK SETS, ENTRY, CRYSTAL, SOLID BRASS, PORCELAIN, 165,000 PCS OF HINGES & PULLS, 1200 YALE LOCK SETS, PRIVACY & PASSAGE

JACUZZI WHIRLPOOLS: 33 NEW WHIRLPOOLS, SIZES 5'X30" TO 7'X48", DECORATOR COLORS, HEAVY ACRYLIC, 65 MATCHING TUB SURROUNDS

DOORS & WINDOWS: SOLID OAK, BIRCH, ETC , MANY FIRE RATED W/FRAMES, 15 LEADED ENTRY & PATIO, 285 REPUBLIC STEEL, 8 PRE-HUNG STEEL ENTRY, 360 ASST LUAN, 90 LEAD GLASS BEVELED FRENCH, 380 SETS OF COLONIAL WHITE PINE & LOUVER BI-FOLDS, 64 CRATES WIRE & WINDOW GLASS - 1/8"X1/4", 3/16" AMBER DECOR GLASS, 5/16" AMBER WIRE GLASS 48"X120", 880 SKYLIGHTS, 19 UNITS INSUL WINDOWS

STARTING AT 12 PM: CARPETING - 6379 YARDS FULL ROLLS COMMERCIAL AND RESIDENTIAL, 58 ORIENTAL RUGS 4'X6' TO 6'X9', INDOOR & OUTDOOR

HARDWOOD FLOORING: $100,000.00 INVENTORY: 3/4"X4" TO 7" CLEAR PLANK AND PEGGED, PREF AND UNFINISHED, 3/8" PLANK 3" TO 7", 40,800 SF PREF PARQUET OAK

CERAMIC TILE: 128,000 SF 12"X12", 10"X10", 8"X8" FLOOR TILE, GRANITE AND MARBLE LIKE, WHITE, ALMOND AND COLORS, 40,000 SF MOSAIC 2"X2" TO 4"X4" WHITE AND COLORS, 10,000 SF 6X6 WALL TILE, 120,000 SF 1/8" COM AMTICO VINYL TILE

STARTING AT 1 PM: LUMBER, PLYWOOD: 1500 PCS 5/8" AND 3/4"X 4X8 EXT UNDERLAYMENT PLYWOOD, 23,500 LF WHITE PINE, 81,750 BD 2X4 TO 2X12 HEM/FIR, 3,000 TILE BOARD & PANELING & TAMBOUR FLEX, 440 PCS SHEETROCK - 1/2" & 5/8", 600 PCS MAHOGANY PLYWOOD, 1,750 PCS EXT PLYWOOD, 19,000 SF URETHANE INSUL., 203,500 WHITE PINE MOLDING, 5,800 SF CLEAR ROSEWOOD PANELING, 120 PCS T111 SIDING, 18,200 FT 1X6 CLEAR CEDAR SIDING, 15,750 LF 1X4 CLEAR MAHOGANY FLOORING, WOOD I-BEAMS/MICROLAMS, 28,000 LF 9-1/2" TO 18" TO 44", 120 - 5"X13'X23 LAMINATED BEAMS - FIR & TREATED, 6,000 LF CEDAR, REDWOOD & PINE SIDING, ETC

PAINT: 400 GALLONS INT/EXT, MOSTLY WHITE, AND ROOF COATING

CEILING TILE & GRID: 81,750 LF CEILING GRID, 4,000 SF CEILING TILE, MANY RUNNERS & ACOUSTICS, WHITE & BLACK

OTHER ITEMS: 15,000 LBS GALV. COMMON & ROOFING NAILS, 675 PCS. GALV DUCT WORK & FITTINGS, 460 ROLLS SINGLE-PLY TORCHDOWN ROOFING, 250 BUNDLES SHINGLES

TERMS: $100 REFUNDABLE DEPOSIT TO REGISTER, ($10 INVOICE PROCESSING FEE PER INVOICE) CASH OR CERTIFIED CHECKS ONLY, 25% DEPOSIT REQUIRED DAY OF SALE

INSPECTION 9 AM TO 4 PM, TUESDAY, JANUARY 29TH, 8 AM DAY OF SALE

SALE: RAIN OR SHINE - FOOD SERVICE AVAILABLE!

AUCTIONEER'S NOTE IN ORDER TO IMPROVE THE SPEED & EFFICIENCY OF THE AUCTION AND TO ASSURE THAT WE WILL CONCLUDE BY 5 PM AND HAVE AMPLE TIME LEFT FOR CHECK OUT, WE WILL AT TIMES, HOLD TWO (2) AUCTIONS AT THE SAME TIME ON UNRELATED ITEMS.

PETER COSTANZO AUCTIONEERS INC.
LONG BRANCH (201) 229-2530 UNION

Peter Costanzo Auctioneers, Inc.
LONG BRANCH, NJ 201-229-2530
UNION NJ 201 688 2552

Pennsylvania Draft Horse and Mule Sale

February 14, 1991

Blizzard Date - February 15, 1991

Pennsylvania State Farm Show Building - Corner of Cameron and McClay Sts., Harrisburg, Pa.

Tack - 8:00 A.M.

Horses - 12:00 Noon

Terms - Tack and Draft Horse related items - 15% - with maximum commission $75.00.

Horses - 6% commission - maximum commission $180.00 $30.00 No Sale Fee

Will accept consignment up to 11:00 AM February 14, 1991. Horses will be sold in order of consignment.

Negative Coggins test and health papers within 6 months must accompany each horse, please have foal papers in order.

Note - Non catalog consigners - you must give us one week notice so proper number of stalls are available - otherwise you will have to sell off your truck.

Elmer D. Lapp
5080 Martin Rd.
Kinzers, Pa. 17535
717-768-8177

W. David Keller
RD #2 Box 1
Hummelstown, Pa. 17036
717-566-0529

We expect 100-125 head including registered & grade Belgians, Percherons & Suffolks. Also several good young mules.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

250-350 HEAD
SPECIAL HORSE SALE
WORK HORSES
MULES
DRIVING HORSES

FRIDAY, FEBRUARY 1, 1991

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Tack 9:00 AM. Sale 10:00 AM.

Acclimated pair 6 year old black and bay molly mules, broke to all farm machinery. Lots of snap.

- **3 pair top Dapple Gray horses consigned by Ward Wright.**
- **Fancy pair blonde sorrel mules, will be 2 years old in May, with size and have had harness on a few times.**
- **1 load mules from Kentucky.**
- **1 load mules from Tennessee.**
- **2 Load Work Horses, Mules and Driving Horses Consigned by Ward Wright.**
- **1 Load Work and Driving Horses Consigned by Bud Leonard.**
- **1 Load Work Horses and Mules Consigned by Billy Cochran.**
- **1 Load Driving Horses Consigned by Elam B. Stoltzfus, Reuben G. Stoltzfus, Clayton Waterbury, Jonas Beiler and Ben K. Stoltzfus.**

Plus many more consignments by sale time.

For more information call:

Norman or David Kolb- 61L
717-354-4341- Barn • Home- 717-397-5538

NEXT HORSE SALE FEBRUARY 15 - 10:00 A.M.

-SHORT NOTICE-
REGISTERED JERSEY HERD DISPERSAL
Friday, February 1, 1991
12:30 P.M.

Selling at Kling's Sale Barn, located 15 miles north of Carlisle on Route 74, 2½ milles N.E. of Landisburg, Perry Co., Pa.

Dispersing the....
JERRY & JANE SCHIMPF MILKING HERD

Consisting of Approx. 60 Head Jerseys (90% Registered); All Calfhood Vaccinated - DHIR Records - Classified (13 VG, 9 Good); Vaccinated for Shipping Fever - Preg. Ck'd - Butterfat 5.20% Protein 4.0%

"This Herd was milked in Tie-Stalls and transferred the last years to Free-Stall and Parlor- They will work either way!"

Somatic Cell Count last month - 265,000
21 Sell recently fresh -
10 due for Spring Freshening

Sires of Reg. Animals selling include...Top Brass, Duncan, Royal, Brass Top, Yankee Chief, Fascinator, Nippersink, Soldier Boy and others.

Cows sell carrying service to such great Bulls as... Brigadier, Lynx, Yankee, Royal, Sooner, Duncan, Brass Top, Bee, Magic and others.

JERRY & JANE SCHIMPF, Owners
R.D. #4, Somerset, Pa.
(814) 445-8374
Ginger Myers, Pedigrees

Cattle may be seen at the Schimpf farm until Monday, January 28th, after that they may be seen at Kling's Sale Barn, Landisburg, Pa.

"The Schimpf Herd will be dispersed immediately after Kling's Monthly Holstein Sale!"

Sale Managed By...
KLING'S AUCTIONS, INC.
R.D. #1, Box 66
Landisburg, Pa. Lic. #500
717-789-3883 (Office)

AUCTION SERVICE KLING'S

FRI. JULY 12 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc

FRI JULY 19 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

TUE. JULY 23 - 9AM, Quilt, Craft, & Buggy Auction- Buggies- 1 P.M. A &C. Diffenbach Auction Inc, 100 W Jackson St., Box 186, New Holland, Pa. 17557.

WED. JULY 24 - 9AM, Quilt, Craft Auction A.&C Diffenbach Auction Inc., 100 W Jackson St, Box 186, New Holland, Pa. 17557.

FRI JULY 26 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

AUG.

FRI. AUG. 2 - 9AM, Farm Equipment Auction. A.&C Diffenbach Auction Inc, 100 W. Jackson St, Box 186, New Holland, Pa. 17557.

WED AUG. 7 - 6PM, Wholesale Wood Furn. & Craft Items Auction. A.&C Diffenbach Auction Inc., 100 W. Jackson St, Box 186, New Holland, Pa. 17557.

FRI. AUG 9 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc.

FRI AUG. 9 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

FRI AUG. 23 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

FRI AUG 30 - 9AM, Farm Equipment Auction. A &C Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa 17557.

SEPT.

FRI. SEPT. 13 - 1.30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

FRI. SEPT. 13 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

TUE. SEPT. 17 - 9AM, Quilt, Craft & Buggy Auction- Buggies- 1 P.M A.&C Diffenbach Auction Inc., 100 W. Jackson St, Box 186, New Holland, Pa 17557

WED SEPT. 18 - 9AM, Quilt, Craft Auction A &C Diffenbach Auction Inc, 100 W. Jackson St, Box 186, New Holland, Pa 17557

FRI. SEPT 27 - 9AM, Farm Equipment Auction. A &C Diffenbach Auction Inc., 100 W. Jackson St, Box 186, New Holland, Pa 17557

FRI. SEPT. 27 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

SAT. SEPT. 28 - 10AM, Registered & Grade Heifer Sale, at New Holland Sales Stables, New Holland, PA

OCT.

TUE. OCT. 1 - 6PM, Wholesale Wood Furn. & Craft Items Auction. A &C Diffenbach Auction Inc., 100 W Jackson St, Box 186, New Holland, Pa 17557

WED. OCT. 9 - 6:30PM, Guns & Winross Truck Auction A.&C. Diffenbach Auction Inc, 100 W Jackson St, Box 186, New Holland, Pa. 17557

FRI. OCT. 11 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc.

TUE OCT 15 - 10AM, Harvest Equipment Auction (No Small Items)

FRI. OCT. 18 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA.

FRI. OCT. 25 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

SAT OCT 26, Support for Prison Ministries Annual Benefit Auction, to be held at Farmersville Auction, Farmersville, PA, J D Stauffer Auctions

WED OCT 30 - 9AM, Annual Dairy Show & Sale at New Holland Sales Stables, New Holland, PA

NOV.

FRI NOV 1 - 9AM, Farm Equipment Auction A &C Diffenbach Auction Inc, 100 W Jackson St, Box 186, New Holland, Pa 17557

FRI NOV 8 - 1 30PM, State Graded Feeder Pig Sale, Exit 12 E off I-81, Carlisle Livestock Market, Inc

FRI NOV 8 - 7PM, Horse Sale, at New Holland Sales Stables, New Holland, PA

TUE NOV 19 - 9AM, Quilt, Craft & Buggy Auction- Buggies- 1 P M A &C Diffenbach Auction Inc, 100 W Jackson St, Box 186, New Holland, Pa. 17557

WED NOV 20 - 9AM, Quilt, Craft Auction A &C Diffenbach Auction Inc, 100 W Jackson St, Box 186, New Holland, Pa 17557

PUBLIC AUCTION

Horse drawn farm machinery, 10 top work horses, 76 Holstein Dairy Cattle, small items, some household goods, etc. Owners retiring- makes sale necessary. Located on farm 3 miles SW of Selinsgrove, PA just off Rt. 35 along Middlecreek Road. Auction arrows off Rt. 35 at blinker light.

SATURDAY, FEBRUARY 2, 1991
Starting 9 AM With Wagon Items
FARM MACHINERY • ETC.

NH 474 pto 7' haybine; NH 256 rake; NH 273 pto baler w/super sweep; NH Super 68 baler, NH 77 baler; Pequea ground drive hay tedder; Pioneer 1 btm 16" radex left hand plow, used 2 seasons, Oliver 1 btm 16" radex right hand trailer plow; Oliver 2-14" radex trailer plows, Case 1-16" RH trailer plow; Oliver #84 14" sulkey plow; 2 Wiard 106 walking plows; IH expandable cultivator; 10' harrow; JD 24 disc harrow-new disc; JD 999 2 row corn planter w/plateless hoppers; Ontario 14 disc grain drill; JD lime drill; mechanical 1 row tomato planter; 1 row potato planter; Lely ground drive fertilizer spreader; McD 8' cut grain binder; 2 McD corn binders w/side carriers, good; 2 IH #9 grass mowers, 5&7' cut; McD 28" threshing machine; IH #9 silo filler w/shredder bars; NH 33 pto flail chopper; Zimmerman 32' all-purpose elevator; 110 gal 10 row trailer weed sprayer; 200 gal Bean sprayer w/Wisc 20 hp motor; 500 gal. steel water tank; 4 flatbed wagons- 2 Zooks; 4 forecarts, 2 w/sidehill hitch; Elam Stoltzfus pto liquid manure pump; Pequea manure spreader- used 1 season; NI 12A manure spreader; **ENGINES:** GM 3-71 75 hp diesel engine w/hyd., good, Ford 60 hp gas power unit, good; Slantz 20 hp diesel engine on cart w/hyd. & pto; quantity of scrap iron; 2 wagon loads small items; few household goods; old 12 ga. dbl. barrel hammer shotgun; etc. etc.

10 TOP WORK HORSES 10

10 red sorrel gelding work horses include; team 7 yr. olds, well broke; team 8 & 10 yr olds, well broke, lots pep; 6 yr. old, well broke, works anywhere; 10 yr old, well broke, lead horse, broke to shafts; team of 5 yr olds, well broke; team of 6 yr olds, well broke; 10 sets work harness; collars, bridles; lines; 1-2-3-4-5-6 horse hitches, etc

76 HOLSTEIN DAIRY CATTLE 76

Herd consists of 36 milking age including 8 1st calf heifers, several fresh Dec., 7 heifers & 7 cows due in Jan, balance in all stages of lactation. Cows milking up to 90 lbs. 10 bred heifers, (3 shortbreds), balance from calfhood to short yearlings. This is a good uddered dairy with lots of size.

30 DAY HEALTH CHARTS • PREG. CHECKED. DAIRY SALE UNDER TENT
SALE ORDER: 9 am- wagon items, 10:30- farm machinery, Noon- horses, 1 pm- cattle.
TERMS: Cash or good check day of sale.

Out of state buyers must have current bank letter of credit guaranteeing funds.

OWNERS:
RAYMOND & EDNA MARTIN
LUNCH AVAILABLE • BAKE SALE

Conducted by
FRALEY AUCTION CO.
Licensed & Bonded • RD 4, Muncy, PA 17756 • RY71L
(717) 546-6907

PUBLIC AUCTION
Full Line of Farm Machinery
MON., FEB. 18, 1991
9:30 A.M.

Located at 2948 Back Run Rd., Manheim, Pa. Take Rt. 283 to Manheim, Mt. Joy Exit (Rt. 772) West to N. Strickler Rd. Turn right. Continue to Back Run Rd. Turn right. Farm ¼ mi. on left.

MF 1085 Tractor w/cab 2400 hrs. MF 285 8 speed w/3000 hrs. IH 574 Tractor, Diesel w/1850 IH Loader 1642 hrs. Ferguson 30 Gas. Badger Lagoon Pump V.G. Condition. 1666 Martin Scavenger Spreader. 36' Zimmerman Elevator V.G. condition. N.H. 489 Haybine. N.H. #273 Baler w/thrower. 5 wheel 3 pt. Vicon Rake. Zimmerman 7' Hay Tedder V.G. condition. N.I. 323 Cornpicker.

Note: This is only a partial listing. Watch for full ad Feb. 2, 1991.

Owner:
RICHARD & JOYCE HESS
(717) 665-7256
Auctioneers:
Jim Hershey (717) 665-7284
Lic #AU-002479-L
Raymond Miller

First Annual Spring All Llama Spotlight Auction
Two Big Days
Friday, March 22, 1991
(Hands-On Auction Preview)
Saturday, March 23, 1991
(Auction Time) 1:00 P.M.

Location: Auction Square, Alt. Route 40, 1 Mile West of Boonsboro, MD. Minutes from Ramada Inn Convention Center.

Each Animal Sold Under The Spotlight
Some Animals will be Sold Without Reserve
(Consign NOW)

Quality animals only. Animals sold in order of consignment. Llamas already consigned from leading herds from the east coast. Bred females, yearling females, weanling females.

Strong support of leading llama breeders from the east and the interest of investors promise to make this weekend event an outstanding success.

Arena seating capacity 700 plus.
Easy access, plenty of parking.

Picture Brochure Deadline Feb. 1, 1991.
Consignment Deadline: March 4, 1991 Postmarked

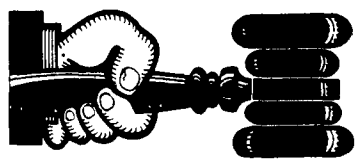
For more information contact:

Auctions Auctions Auctions, Inc.
7742 Boonsboro Pike
Boonsboro, Maryland 21713
814-735-3300 or 301-432-7653

Thank you for your support

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication



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John D. Stauffer

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717-786-3394

ROY E. GOOD, JR.
AUCTIONEER
215-445-4309

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Antiques	Trucks & Trailers
Farm Machinery	Household Furnishings

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CALL DAY OR NIGHT
L. Robert Frame, Auct.
Glenn S. Frame, Auct. (215) 458-5060
"Eastern Pennsylvania's Foremost Auction Co."

FRI. NOV. 22 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

FRI. NOV. 29 - 7PM, Feeder Cattle Sale, at New Holland Sales Stables, New Holland, PA.

DEC.

WED. DEC. 4 - 6PM, Wholesale Wood Furn. & Craft Items Auction. A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

FRI. DEC. 6 - 9AM, Farm Equipment Auction. A.&C. Diffenbach Auction Inc., 100 W. Jackson St., Box 186, New Holland, Pa. 17557.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

HFA HORNING Farm Agency, Inc.

REALTOR MLS

Alvin Horning — *Bus. (215) 286-5183*
Merle Eberly — *Res. (215) 775-3745*
Alpheus L. Ruth ..... *Res. (215) 944-7543*
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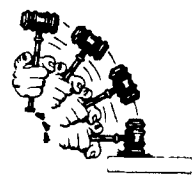


Robert E. Martin
Jeffrey R. Martin
144 Peters Road
New Holland, PA 17557
(717) 656-7770

Complete Auctioneering
Tents Available

ROGERS COMMUNITY AUCTION INC.

Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.

FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Conpsignments
Open Air Market All Day And Evening

Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The FIRST WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simulatenously.

Hay And Straw Grain

EVERY WEDNESDAY
selling truck
load lots by the bale or ton
starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

FRI. DEC. 13 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

FRI. DEC. 27 - 1:30PM, State Graded Feeder Pig Sale, Exit 12 E. off I-81, Carlisle Livestock Market, Inc.

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, JANUARY 30, 1991

Heifer Sale 11:00 A.M. Fresh Cows & Springers at 12:00 Noon

1 load top Wisconsin cows, fresh, some milking 70 to 85 lbs. per day.
Consigned by Dale Hostetter.

****

1 load New York State and Susquehanna County cows, fresh and springer.
Consigned by Alfred Albright.

****

1 load top Franklin County Cows, fresh and springer.
Consigned by Marvin Eshleman.

****

PLUS MANY MORE CONSIGNMENTS BY SALE TIME.

For More Information Contact:
Norman Kolb, Pres. 717-397-5538 David Kolb, V. Pres.
61L Barn Phone 717-354-4341

COMPLETE HERD DISPESAL FOR

Mr. & Mrs. Earl Martin
2867 Quaker Church Road
Christiana, Pa. 17509

At Shady Lane Dairy Sales, Inc., 1/4 Mile West Of Quarryville, Pa. Off Route 372 Onto Oak Bottom Road.

115 HEAD OF HOLSTEIN DAIRY CATTLE SELLS
THURSDAY MORNING, JANUARY 31, 1991 11:30 A.M.
Snow Date Friday Morning, Feb. 1, 11:30 A.M.

Complete Herd Dispersal Of 115 Head Of Holsteins. Consisting Of 78 Mature Cows. Several Recently Fresh, 10 Springing, Balance All Stages.

Herd Heifers Selling: Approximately 12 To 15 Head Of 6 Month To 1 Year Old, 10 Head Of Open Heifers That Are Ready To Breed And 10 Bred Heifers.

This Herd Went Off Of D.H.I.A. In November 1989. At That Time The Current Records Were:
365 Day Rolling 61.1 Head 15,961 3.6 571.
Individual Records Include:
#17- 02 01 305 18,234 4.2 758. #31- 04 09 305 22,045 3.0 672.
#20- 02 01 305 19,010 3.6 690. #58- 07 02 305 22,659 3.7 848.
#20- 04 10 305 20,201 3.6 729. #65- 05 03 305 20,969 3.8 801.

This Is A Good Opportunity To Buy Lancaster County Holsteins. Herd Being Sold Only To Discontinuation Of Dairy Farming.

Sale Managed By:
Shady Lane Dairy Sales, Inc.
23 Shady Lane, P.O. Box 673
Quarryville, Pa. 17566-0673
Owners

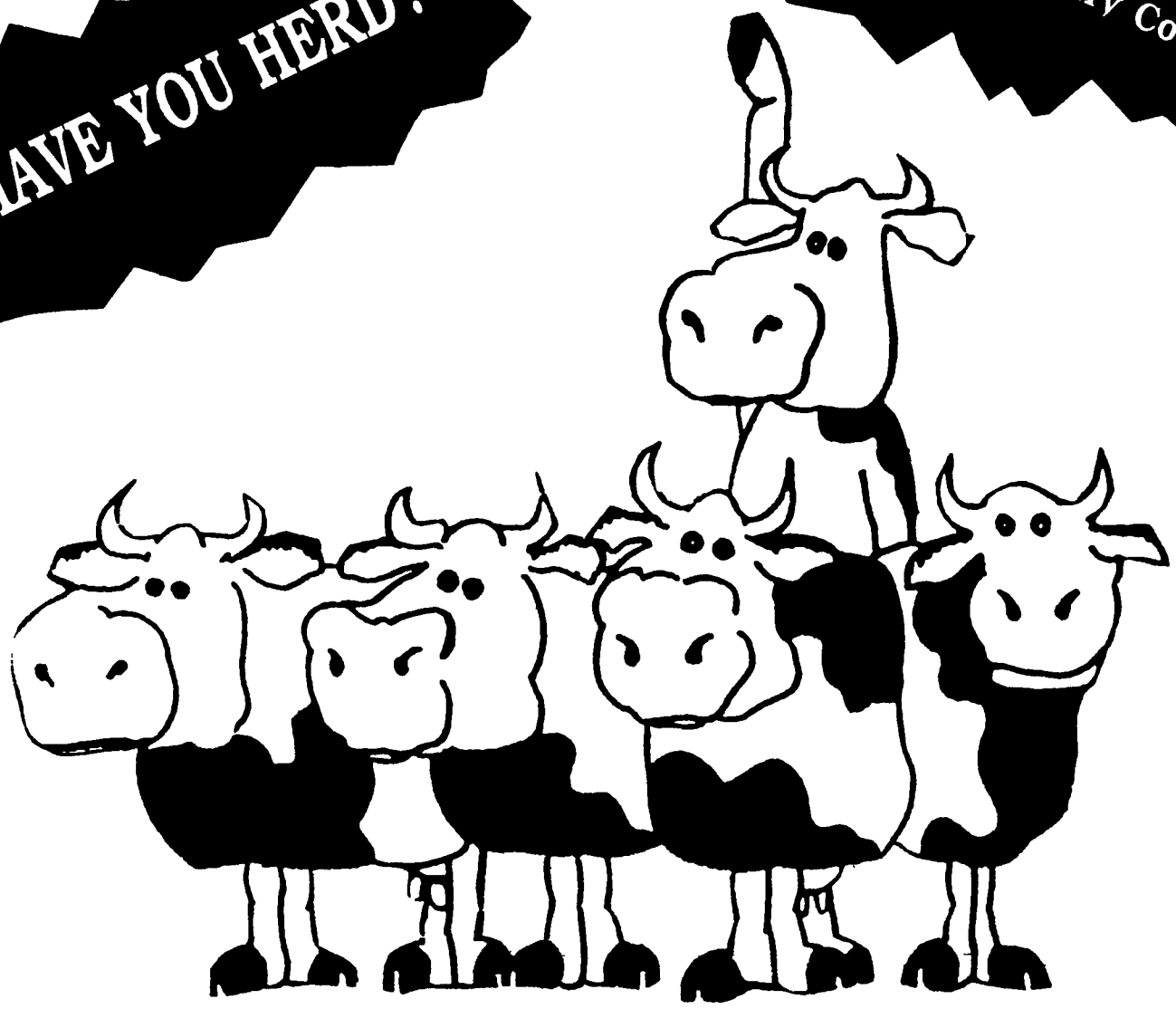
Glenn D. Fite 717-786-1725 — **David L. Fite** Fax 717-786-3250 717-786-1725

MILK. IT DOES A BODY GOOD.™
MIDDLE ATLANTIC MILK MARKETING ASSOCIATION, INC

MEL KOLB, INC.

Quality Holstein Dairy Cows

HAVE YOU HERD?



Quality Holstein Herds For Sale
Grade & Registered — All Sizes

NEXT PUBLIC AUCTION WILL BE HELD AT THE LANCASTER, PA FARM
• THURSDAY, FEBRUARY 7, 1991 •

PRIVATE SALES EVERY DAY!
Fresh & Springing Cows & Heifers
Grade & Registered

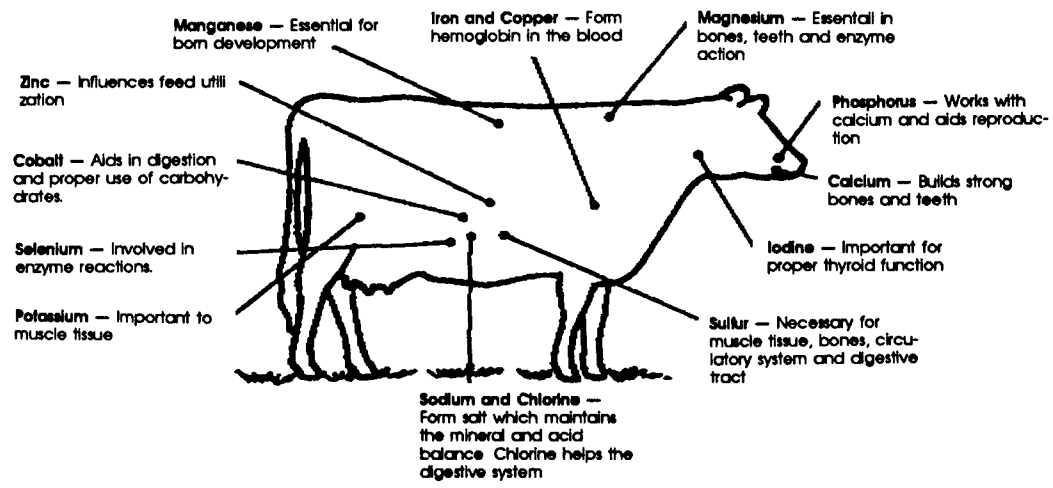
PRIVATE SALES EVERY DAY!
Trailer Loads Of Fresh & Springing
1st & 2nd Calf Heifers

LANCASTER, PA FARM
(717) 569-6800
(717) 569-2106

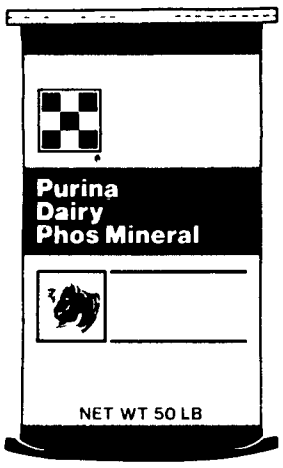
WOODSBORO, MD FARM
(301) 898-7720
(301) 898-7663

Purina® Minerals.

NOW YOU'RE ON THE RIGHT TRACK.

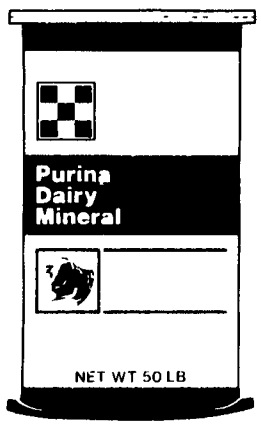

Manganese — Essential for born development
Iron and Copper — Form hemoglobin in the blood
Magnesium — Essentail in bones, teeth and enzyme action
Zinc — Influences feed utilization
Phosphorus — Works with calcium and aids reproduction
Cobalt — Aids in digestion and proper use of carbohydrates.
Calcium — Builds strong bones and teeth
Selenium — Involved in enzyme reactions.
Iodine — Important for proper thyroid function
Potassium — Important to muscle tissue
Sulfur — Necessary for muscle tissue, bones, circulatory system and digestive tract
Sodium and Chlorine — Form salt which maintains the mineral and acid balance Chlorine helps the digestive system

PURINA® BRAND DAIRY PHOS MINERAL



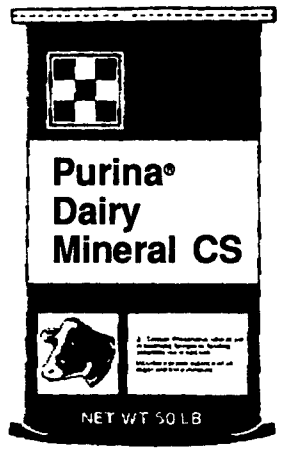
Purina® Dairy Phos Mineral is a 16% phosphorus (0% calcium added) product designed to balance a legume type feeding program.

PURINA® BRAND DAIRY MINERAL



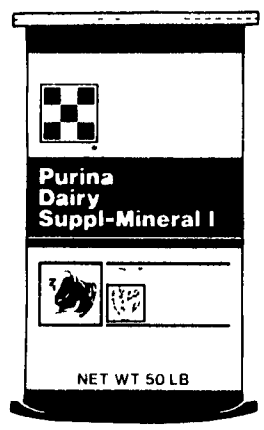
Purina® Dairy Mineral is a 1:1 calcium-phosphorus ratio product developed to balance a combination roughage (legume and corn silage forages) feeding program.

PURINA® BRAND DAIRY MINERAL CS



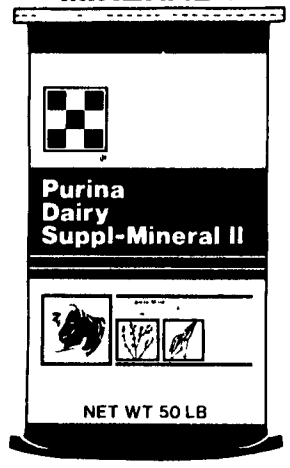
Purina® Dairy Mineral CS has a 2:1 calcium-phosphorus ratio (20% Ca-10% P) designed to balance programs making heavy use of corn silage.

PURINA® BRAND DAIRY SUPPL-MINERAL I



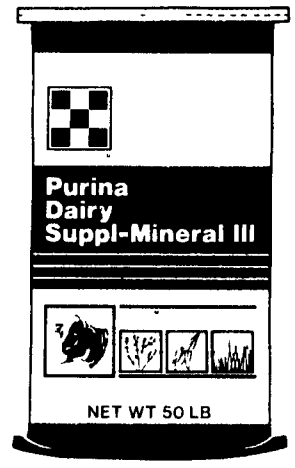
Purina® Dairy Suppl-Mineral I is a 14% phosphorus (0% calcium) mineral designed for late lactation dairy cows which are primarily on legume type pastures.

PURINA® BRAND DAIRY SUPPL-MINERAL II



Purina® Dairy Suppl-Mineral II is a 20% calcium, 5% phosphorus mineral designed for late lactation dairy cows which are primarily on corn silage type rations.

PURINA® BRAND DAIRY SUPPL-MINERAL III



Purina® Dairy Suppl-Mineral III is a 16% calcium, 12% phosphorus mineral designed for late lactation dairy cows on a combination roughage program.

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